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April 1, 1996

Dear Health Care Provider/AIDS Researcher:

We are pleased to present you with the first AIDS Surveillance Quarterly Report of 1996. We have made several modifications to our previous surveillance reports which we think make the document easier to refer to and use. Listed below are the changes that we have made to our surveillance report.

The table "AIDS Cases by Asian/Pacific Islander Ethnicity" has been deleted because this information is available by referring to the column totals in Table 4: "AIDS Cases by Transmission Category and Asian/Pacific Islander Ethnicity".

The information previously contained in tables "AIDS Cases by Age Group" and "AIDS Cases by Race/Ethnicity" has been consolidated into Table 6: "AIDS Cases by Gender, Age Group and Race/Ethnicity".

AIDS cases by year and month of primary diagnosis, by year and month of report, and by year and month of death are now presented as annual data only.

Deaths and case-fatality rates are now shown by year of diagnosis rather than by half year of diagnosis because the case-fatality rates do not differ substantially by half year.

The number of AIDS cases by initial diagnosis is now tabulated according to the Centers for Disease Control and Prevention's 1993 AIDS case definition. In our previous reports, the number of AIDS cases by initial diagnosis was separated into cases meeting the 1985, 1987, or 1993 case definitions. Because the 1993 case definition includes all the AIDS indicator conditions from the earlier case definitions, the information presented remains complete. Indicator diagnoses are now listed alphabetically.

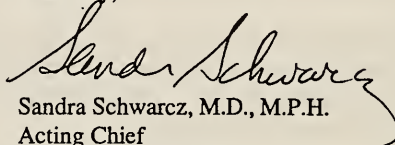
In this report, we have added Table 2: "AIDS Cases by Gender and Year of Diagnosis" so that the trend in AIDS epidemic can be monitored more closely among men and women with AIDS.

For San Francisco residents, AIDS cumulative rates per 100,000 population are calculated and listed in Table 8.

In addition to presenting the initial AIDS diagnosis, we are also providing the number of AIDS cases by cumulative AIDS indicator conditions because subsequent AIDS diagnoses have been followed-up among San Francisco AIDS patients.

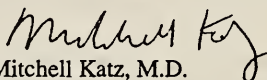
We hope that this information continues to be helpful. Questions or comments regarding this document should be directed to Ling Chin Hsu at 554-9050.

Sincerely,

A handwritten signature in cursive script, appearing to read "Sandra Schwarcz".

Sandra Schwarcz, M.D., M.P.H.

Acting Chief
Surveillance Branch
AIDS Office

A handwritten signature in cursive script, appearing to read "Mitchell Katz".

Mitchell Katz, M.D.

Director
Epidemiology, Disease Control, and AIDS

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SAN FRANCISCO
PUBLIC LIBRARY**AIDS SURVEILLANCE REPORT****San Francisco Department of Public Health AIDS Office****AIDS Cases Reported Through March 1996**

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The AIDS Surveillance Report is published quarterly by the San Francisco Department of Public Health AIDS Office, Seroepidemiology and Surveillance Branch, 25 Van Ness Avenue, Suite 500, San Francisco, CA 94102-6033. Phone: (415) 554-9050 FAX: (415) 431-0353
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 Epidemiologist: Ling Hsu, MPH; Field Staff Coordinator: Kevin McKinney
 Data Manager: Kurt Scheer; MIS Technician: Gloria Posadas

AIDS REPORTED CASES (From 7/81 to 3/31/96)¹

San Francisco

Cumulative cases:	22,839
Cumulative deaths:	15,474
Cases reported this quarter:	420
Deaths reported this quarter:	393

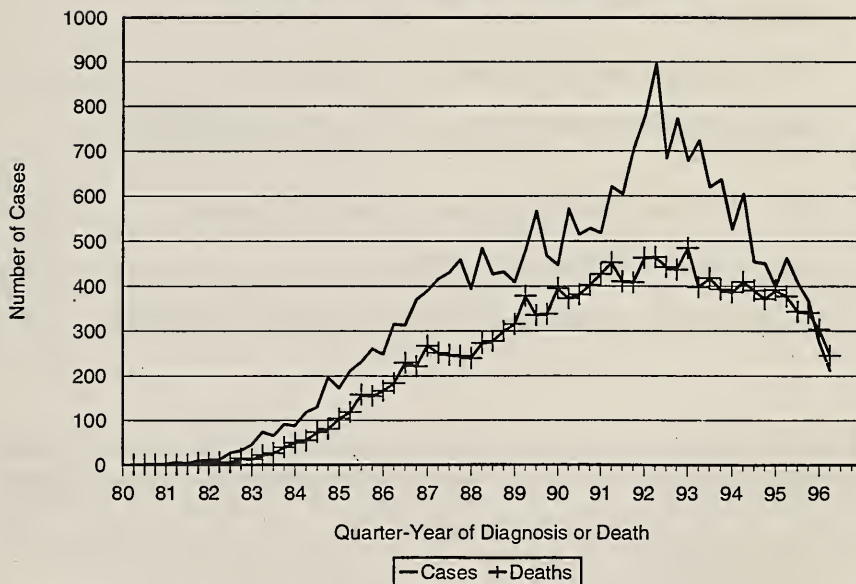
California (as of 3/31/96)

Cumulative cases:	91,438
Cumulative deaths:	58,814

United States (as of 12/31/95)

Cumulative cases:	513,486
Cumulative deaths:	319,849

San Francisco AIDS Incidence and Mortality by Quarter-Year of Diagnosis or Death, 1980-1996²



¹ Includes SF residents diagnosed in SF, SF residents diagnosed in other jurisdictions, and persons diagnosed in SF who resided in other jurisdictions at the time of their AIDS diagnosis.

² Reporting for recent quarters is incomplete.

Table 1. AIDS Cases by Transmission Category and Gender, San Francisco, 1981-1996

Transmission Category (1)	Male		Female		Total	
	No.	(%)	No.	(%)	No.	(%)
Adult/Adolescent						
Gay or bisexual male	18626	(84.1)	0	(0.0)	18626	(81.6)
Injection drug user (IDU)	1059	(4.8)	370	(52.6)	1429	(6.3)
Gay or bisexual male IDU	2096	(9.5)	0	(0.0)	2096	(9.2)
Lesbian or bisexual IDU	0	(0.0)	23	(3.3)	23	(0.1)
Hemophiliac	37	(0.2)	1	(0.1)	38	(0.2)
Heterosexual (2)	45	(0.2)	195	(27.7)	240	(1.1)
Transfusion recipient	113	(0.5)	78	(11.1)	191	(0.8)
None of the above/Other (3)	139	(0.6)	18	(2.6)	157	(0.7)
Pediatric (0-12 years) (4)	20	(0.1)	19	(2.7)	39	(0.2)
Total	22135	(100)	704	(100)	22839	(100)

Table 2. AIDS Cases by Gender and Year of Diagnosis, San Francisco, 1981-1996

Gender	Year of Diagnosis					
	< 1986 No. (%)	1986 No. (%)	1987 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)
Male	2019 (99.2)	1375 (99.1)	1680 (98.9)	1715 (97.9)	1899 (96.9)	2079 (97.5)
Female	16 (0.8)	13 (0.9)	19 (1.1)	37 (2.1)	60 (3.1)	54 (2.5)
Total	2035 (100)	1388 (100)	1699 (100)	1752 (100)	1959 (100)	2133 (100)

Gender	Year of Diagnosis					
	1991 No. (%)	1992 No. (%)	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)
Male	2631 (97.2)	2906 (95.9)	2401 (95.8)	1803 (94.5)	1431 (94.6)	196 (92.5)
Female	77 (2.8)	123 (4.1)	104 (4.2)	104 (5.5)	81 (5.4)	16 (7.5)
Total	2708 (100)	3029 (100)	2505 (100)	1907 (100)	1512 (100)	212 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

**Acquired Immunodeficiency Syndrome (AIDS) Quarterly Surveillance Report
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Table 3. AIDS Cases by Transmission Category and Race/Ethnicity, San Francisco, 1981-1996

Transmission Category (1)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/Pacific Islander No. (%)	Native American No. (%)
Adult/Adolescent					
Gay or bisexual male	14999 (86.0)	1331 (53.9)	1778 (78.5)	459 (80.4)	59 (61.5)
Injection drug user (IDU)	532 (3.1)	676 (27.4)	182 (8.0)	26 (4.6)	13 (13.5)
Gay or bisexual male IDU	1600 (9.2)	285 (11.5)	172 (7.6)	20 (3.5)	19 (19.8)
Lesbian or bisexual IDU	10 (0.1)	9 (0.4)	2 (0.1)	1 (0.2)	1 (1.0)
Hemophiliac	24 (0.1)	3 (0.1)	7 (0.3)	4 (0.7)	0 (0.0)
Heterosexual (2)	102 (0.6)	79 (3.2)	40 (1.8)	17 (3.0)	2 (2.1)
Transfusion recipient	103 (0.6)	28 (1.1)	30 (1.3)	30 (5.3)	0 (0.0)
None of the above/Other (3)	49 (0.3)	47 (1.9)	49 (2.2)	10 (1.8)	2 (2.1)
Pediatric (0-12 years) (4)	17 (0.1)	13 (0.5)	5 (0.2)	4 (0.7)	0 (0.0)
Total	17436 (100)	2471 (100)	2265 (100)	571 (100)	96 (100)

Table 4. AIDS Cases by Transmission Category and Asian/Pacific Islander Ethnicity, San Francisco, 1981-1996

Transmission Category (1)	Chinese No. (%)	Japanese No. (%)	Filipino No. (%)	Southeast Asian No. (%)	Korean No. (%)	Pacific Islander No. (%)	Other No. (%)
Adult/Adolescent							
Gay or bisexual male	124 (80.0)	69 (87.3)	169 (80.9)	31 (81.6)	7 (77.8)	27 (62.8)	32 (84.2)
Injection drug user (IDU)	6 (3.9)	0 (0.0)	7 (3.3)	5 (13.2)	1 (11.1)	6 (14.0)	1 (2.6)
Gay or bisexual male IDU	0 (0.0)	4 (5.1)	10 (4.8)	0 (0.0)	0 (0.0)	4 (9.3)	2 (5.3)
Lesbian or bisexual IDU	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (2.3)	0 (0.0)
Hemophiliac	1 (0.6)	1 (1.3)	1 (0.5)	0 (0.0)	0 (0.0)	0 (0.0)	1 (2.6)
Heterosexual (2)	2 (1.3)	2 (2.5)	8 (3.8)	1 (2.6)	1 (11.1)	2 (4.7)	1 (2.6)
Transfusion recipient	14 (9.0)	3 (3.8)	11 (5.3)	1 (2.6)	0 (0.0)	1 (2.3)	0 (0.0)
None of the above/Other (3)	6 (3.9)	0 (0.0)	2 (1.0)	0 (0.0)	0 (0.0)	1 (2.3)	1 (2.6)
Pediatric (0-12 years) (4)	2 (1.3)	0 (0.0)	1 (0.5)	0 (0.0)	0 (0.0)	1 (2.3)	0 (0.0)
Total	155 (100)	79 (100)	209 (100)	38 (100)	9 (100)	43 (100)	38 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

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Table 5. AIDS Cases by Transmission Category and Year of Diagnosis, San Francisco, 1981-1996

Transmission Category (1)	Year of Diagnosis					
	< 1986 No. (%)	1986 No. (%)	1987 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)
Adult/Adolescent						
Gay or bisexual male	1674 (82.3)	1170 (84.3)	1449 (85.3)	1496 (85.4)	1654 (84.4)	1808 (84.8)
Injection drug user (IDU)	20 (1.0)	26 (1.9)	35 (2.1)	61 (3.5)	97 (5.0)	114 (5.3)
Gay or bisexual male IDU	303 (14.9)	164 (11.8)	171 (10.1)	153 (8.7)	145 (7.4)	159 (7.5)
Lesbian or bisexual IDU	1 (0.0)	0 (0.0)	1 (0.1)	0 (0.0)	2 (0.1)	2 (0.1)
Hemophiliac	3 (0.1)	2 (0.1)	4 (0.2)	3 (0.2)	4 (0.2)	2 (0.1)
Heterosexual (2)	6 (0.3)	6 (0.4)	7 (0.4)	11 (0.6)	17 (0.9)	23 (1.1)
Transfusion recipient	17 (0.8)	15 (1.1)	16 (0.9)	23 (1.3)	26 (1.3)	11 (0.5)
None of the above/Other (3)	6 (0.3)	2 (0.1)	8 (0.5)	3 (0.2)	7 (0.4)	11 (0.5)
Pediatric (0-12 years) (4)	5 (0.2)	3 (0.2)	8 (0.5)	2 (0.1)	7 (0.4)	3 (0.1)
Total	2035 (100)	1388 (100)	1699 (100)	1752 (100)	1959 (100)	2133 (100)
Transmission Category (1)	Year of Diagnosis					
	1991 No. (%)	1992 No. (%)	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)
Adult/Adolescent						
Gay or bisexual male	2210 (81.6)	2426 (80.1)	1993 (79.6)	1453 (76.2)	1143 (75.6)	150 (70.8)
Injection drug user (IDU)	192 (7.1)	267 (8.8)	209 (8.3)	195 (10.2)	182 (12.0)	31 (14.6)
Gay or bisexual male IDU	225 (8.3)	237 (7.8)	216 (8.6)	178 (9.3)	125 (8.3)	20 (9.4)
Lesbian or bisexual IDU	1 (0.0)	4 (0.1)	5 (0.2)	3 (0.2)	4 (0.3)	0 (0.0)
Hemophiliac	3 (0.1)	7 (0.2)	2 (0.1)	4 (0.2)	3 (0.2)	1 (0.5)
Heterosexual (2)	25 (0.9)	48 (1.6)	39 (1.6)	29 (1.5)	24 (1.6)	5 (2.4)
Transfusion recipient	25 (0.9)	17 (0.6)	20 (0.8)	13 (0.7)	7 (0.5)	1 (0.5)
None of the above/Other (3)	22 (0.8)	21 (0.7)	19 (0.8)	30 (1.6)	24 (1.6)	4 (1.9)
Pediatric (0-12 years) (4)	5 (0.2)	2 (0.1)	2 (0.1)	2 (0.1)	0 (0.0)	0 (0.0)
Total	2708 (100)	3029 (100)	2505 (100)	1907 (100)	1512 (100)	212 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

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Table 6. AIDS Cases by Gender, Age Group and Race/Ethnicity, San Francisco, 1981-1996

Male						
Age (years)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/Pacific Islander No. (%)	Native American No. (%)	Total No. (%)
0 - 12	11 (0.1)	2 (0.1)	4 (0.2)	3 (0.6)	0 (0.0)	20 (0.1)
13 - 19	9 (0.1)	2 (0.1)	9 (0.4)	2 (0.4)	1 (1.1)	23 (0.1)
20 - 24	262 (1.5)	50 (2.3)	63 (2.9)	14 (2.6)	1 (1.1)	390 (1.8)
25 - 29	1552 (9.0)	220 (10.1)	336 (15.4)	66 (12.5)	14 (16.1)	2188 (9.9)
30 - 39	7903 (46.1)	984 (45.2)	1063 (48.8)	236 (44.6)	47 (54.0)	10233 (46.2)
40 - 49	5494 (32.0)	650 (29.8)	519 (23.8)	149 (28.2)	17 (19.5)	6829 (30.9)
50 - 59	1528 (8.9)	209 (9.6)	146 (6.7)	42 (7.9)	7 (8.0)	1932 (8.7)
60 +	402 (2.3)	61 (2.8)	40 (1.8)	17 (3.2)	0 (0.0)	520 (2.3)
Male subtotal	17161 (100)	2178 (100)	2180 (100)	529 (100)	87 (100)	22135 (100)
Female						
Age (years)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/Pacific Islander No. (%)	Native American No. (%)	Total No. (%)
0 - 12	6 (2.2)	11 (3.8)	1 (1.2)	1 (2.4)	0 (0.0)	19 (2.7)
13 - 19	1 (0.4)	0 (0.0)	1 (1.2)	0 (0.0)	0 (0.0)	2 (0.3)
20 - 24	12 (4.4)	7 (2.4)	2 (2.4)	0 (0.0)	1 (11.1)	22 (3.1)
25 - 29	41 (14.9)	28 (9.6)	15 (17.6)	4 (9.5)	0 (0.0)	88 (12.5)
30 - 39	113 (41.1)	126 (43.0)	33 (38.8)	16 (38.1)	6 (66.7)	294 (41.8)
40 - 49	56 (20.4)	87 (29.7)	21 (24.7)	15 (35.7)	2 (22.2)	181 (25.7)
50 - 59	17 (6.2)	19 (6.5)	7 (8.2)	3 (7.1)	0 (0.0)	46 (6.5)
60 +	29 (10.5)	15 (5.1)	5 (5.9)	3 (7.1)	0 (0.0)	52 (7.4)
Female subtotal	275 (100)	293 (100)	85 (100)	42 (100)	9 (100)	704 (100)
Total	17436	2471	2265	571	96	22839

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Table 7. AIDS Cases by Race/Ethnicity and Year of Diagnosis, San Francisco, 1981-1996

Race/Ethnicity	Year of Diagnosis					
	< 1986 No. (%)	1986 No. (%)	1987 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)
White	1743 (85.7)	1156 (83.3)	1362 (80.2)	1399 (79.9)	1549 (79.1)	1658 (77.7)
African American	115 (5.7)	89 (6.4)	142 (8.4)	160 (9.1)	184 (9.4)	217 (10.2)
Latino	151 (7.4)	113 (8.1)	143 (8.4)	162 (9.2)	171 (8.7)	185 (8.7)
Asian/Pacific Islander	24 (1.2)	24 (1.7)	48 (2.8)	28 (1.6)	48 (2.5)	60 (2.8)
Native American	2 (0.1)	6 (0.4)	4 (0.2)	3 (0.2)	7 (0.4)	13 (0.6)
Total	2035 (100)	1388 (100)	1699 (100)	1752 (100)	1959 (100)	2133 (100)

Race/Ethnicity	Year of Diagnosis					
	1991 No. (%)	1992 No. (%)	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)
White	2032 (75.0)	2216 (73.2)	1806 (72.1)	1329 (69.7)	1045 (69.1)	141 (66.5)
African American	321 (11.9)	366 (12.1)	337 (13.5)	277 (14.5)	226 (14.9)	37 (17.5)
Latino	285 (10.5)	354 (11.7)	252 (10.1)	233 (12.2)	186 (12.3)	30 (14.2)
Asian/Pacific Islander	65 (2.4)	70 (2.3)	98 (3.9)	56 (2.9)	46 (3.0)	4 (1.9)
Native American	5 (0.2)	23 (0.8)	12 (0.5)	12 (0.6)	9 (0.6)	0 (0.0)
Total	2708 (100)	3029 (100)	2505 (100)	1907 (100)	1512 (100)	212 (100)

Table 8. AIDS Cases and Cumulative Rates per 100,000 by Race/Ethnicity and Gender, San Francisco (1)

Race/Ethnicity	Male		Female		Total	
	No.	(Rate)	No.	(Rate)	No.	(Rate)
White	15362	(8877.0)	224	(136.5)	15586	(4623.3)
African American	1962	(5263.6)	269	(688.5)	2231	(2922.3)
Latino	1993	(3884.0)	74	(149.8)	2067	(2052.3)
Asian/Pacific Islander	469	(475.0)	31	(29.0)	500	(243.1)
Native American	83	(6040.8)	8	(634.4)	91	(3453.5)
Total	19869	(5481.1)	606	(167.7)	20475	(2828.2)

(1) Includes only San Francisco residents. This excludes persons diagnosed in SF who resided in other jurisdictions at the time of their AIDS diagnosis. Because of this exclusion, case numbers in this table are different from those in the other tables included in this report.

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Table 9. AIDS Cases and Case-Fatality Rates by Year of Diagnosis

Year of Diagnosis	Number of Cases	Number of Known Deaths	Case-Fatality Rate (1)
1980	4	3	75.0 %
1981	30	28	93.3 %
1982	116	116	100.0 %
1983	318	307	96.5 %
1984	617	602	97.6 %
1985	950	930	97.9 %
1986	1388	1341	96.6 %
1987	1699	1617	95.2 %
1988	1752	1624	92.7 %
1989	1959	1725	88.1 %
1990	2133	1769	82.9 %
1991	2708	2022	74.7 %
1992	3029	1812	59.8 %
1993	2505	998	39.8 %
1994	1907	432	22.7 %
1995	1512	143	9.5 %
1996	212	5	2.4 %
Total	22839	15474	67.8 %

(1) Case-fatality rate is the number of deaths that have occurred among cases diagnosed each year (regardless of the year of death), divided by the number of total cases diagnosed each year, multiplied by 100.

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Table 10. Cases by Initial AIDS-Defining Condition, San Francisco, 1981-1996

Initial AIDS-Defining Condition	Def.(1) No.	Pres.(2) No.	Total No. (%)
Bacterial infections, recurrent, < 13 years [HIV+(3)]	3	N/A(4)	3 (0.0)
Candidiasis of esophagus, bronchi, trachea, or lungs	332	215	547 (2.4)
Cervical cancer, invasive [HIV+]	1	N/A	1 (0.0)
Coccidioidomycosis, disseminated or extrapulmonary [HIV+]	10	N/A	10 (0.0)
Cryptococcosis, extrapulmonary	460	N/A	460 (2.0)
Cryptosporidiosis, intestinal (> 1 mo. duration)	363	N/A	363 (1.6)
Cytomegalovirus (except liver, spleen, lymph nodes), > 1 month of age	249	N/A	249 (1.1)
CMV retinitis with loss of vision [HIV+]	0	171	171 (0.7)
HIV encephalopathy [HIV+]	461	N/A	461 (2.0)
Herpes simplex: chronic (> 1 mo. duration), bronchitis, pneumonitis, esophagitis	112	N/A	112 (0.5)
Histoplasmosis, disseminated or extrapulmonary [HIV+]	30	N/A	30 (0.1)
Isosporiasis, intestinal (> 1 mo. duration) [HIV+]	23	N/A	23 (0.1)
Kaposi's sarcoma (5)	2956	242	3198 (14.0)
Lymphoid interstitial pneumonia/pulmonary lymphoid hyperplasia, < 13 years	6	0	6 (0.0)
Lymphoma, Non-Hodgkin's [HIV+]	533	N/A	533 (2.3)
Lymphoma, primary in brain (5)	53	N/A	53 (0.2)
Mycobacterium avium complex or M. kansasii, disseminated or extrapulmonary	366	0	366 (1.6)
Mycobacterium tuberculosis, pulmonary [HIV+]	101	24	125 (0.5)
Mycobacterium tuberculosis, disseminated or extrapulmonary [HIV+]	158	0	158 (0.7)
Mycobacterium other species, disseminated or extrapulmonary [HIV+]	18	25	43 (0.2)
Pneumocystis carinii pneumonia	5784	651	6435 (28.2)
Pneumonia, recurrent [HIV+]	92	10	102 (0.4)
Progressive multifocal leukoencephalopathy	51	N/A	51 (0.2)
Salmonella sepsis, recurrent [HIV+]	7	N/A	7 (0.0)
Toxoplasmosis of brain, > 1 month of age	40	253	293 (1.3)
Wasting syndrome [HIV+]	753	N/A	753 (3.3)
CD4 T lymphocyte count < 200 or percent < 14 [HIV+]	8281	N/A	8281 (36.3)
Any AIDS indicator condition and HIV-negative and CD4 count < 400 (6)	5	N/A	5 (0.0)
Total	21248	1591	22839 (100)

(1) Indicator conditions diagnosed definitively (e.g. culture or biopsy proven).

(2) Indicator conditions diagnosed presumptively in a person who has laboratory evidence of HIV infection.

(3) [HIV+]: Indicator conditions that require laboratory evidence of HIV infection.

(4) N/A: Conditions which require definitive diagnoses only.

(5) Laboratory evidence of HIV infection in persons > 60 years of age.

(6) In the absence of other causes of immunocompromise.

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Table 11. Cumulative AIDS Indicator Conditions among Persons with AIDS, San Francisco, 1981-1996

AIDS Indicator Condition (1)	Total No. (%)
Bacterial infections, recurrent, < 13 years [HIV+(2)]	2 (0.0)
Candidiasis of esophagus, bronchi, trachea, or lungs	1371 (6.0)
Cervical cancer, invasive [HIV+]	4 (0.0)
Coccidioidomycosis, disseminated or extrapulmonary [HIV+]	35 (0.2)
Cryptococcosis, extrapulmonary	1477 (6.5)
Cryptosporidiosis, intestinal (> 1 mo. duration)	1088 (4.8)
Cytomegalovirus (except liver, spleen, lymph nodes), > 1 month of age	1911 (8.4)
CMV retinitis with loss of vision [HIV+]	1676 (7.3)
HIV encephalopathy [HIV+]	1723 (7.5)
Herpes simplex: chronic (> 1 mo. duration), bronchitis, pneumonitis, esophagitis	307 (1.3)
Histoplasmosis, disseminated or extrapulmonary [HIV+]	124 (0.5)
Isosporiasis, intestinal (> 1 mo. duration) [HIV+]	58 (0.3)
Kaposi's sarcoma (3)	5961 (26.1)
Lymphoid interstitial pneumonia/pulmonary lymphoid hyperplasia, < 13 years	6 (0.0)
Lymphoma, Non-Hodgkin's [HIV+]	1303 (5.7)
Lymphoma, primary in brain (3)	292 (1.3)
Mycobacterium avium complex or M. kansasii, disseminated or extrapulmonary	4513 (19.8)
Mycobacterium tuberculosis, pulmonary [HIV+]	337 (1.5)
Mycobacterium tuberculosis, disseminated or extrapulmonary [HIV+]	397 (1.7)
Mycobacterium other species, disseminated or extrapulmonary [HIV+]	262 (1.1)
Pneumocystis carinii pneumonia	9886 (43.3)
Pneumonia, recurrent [HIV+]	171 (0.7)
Progressive multifocal leukoencephalopathy	203 (0.9)
Salmonella sepsis, recurrent [HIV+]	49 (0.2)
Toxoplasmosis of brain, > 1 month of age	1004 (4.4)
Wasting syndrome [HIV+]	2664 (11.7)

(1) Cases may have more than one condition.

(2) [HIV+]: Indicator conditions that require laboratory evidence of HIV infection.

(3) Laboratory evidence of HIV infection in persons > 60 years of age.

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AIDS SURVEILLANCE REPORT

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AIDS Cases Reported Through June 1996

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AIDS REPORTED CASES

(From 7/81 to 6/30/96)¹

San Francisco

Cumulative cases:	23,176
Cumulative deaths:	16,072
Cases reported this quarter:	361
Deaths reported this quarter:	599

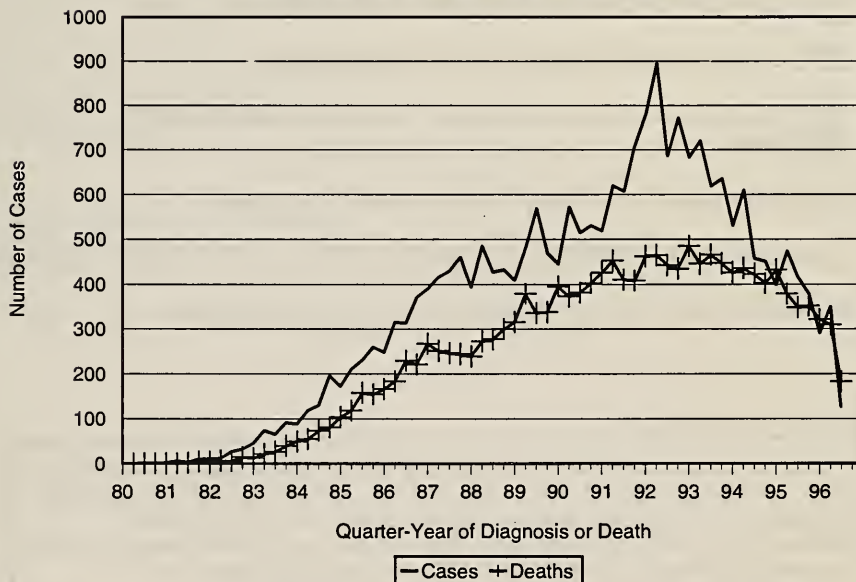
California (as of 6/30/96)

Cumulative cases:	93,860
Cumulative deaths:	60,689

United States (as of 12/31/95)

Cumulative cases:	513,486
Cumulative deaths:	319,849

**San Francisco AIDS Incidence and Mortality
by Quarter-Year of Diagnosis or Death, 1980-1996²**



¹ Includes SF residents diagnosed in SF, SF residents diagnosed in other jurisdictions, and persons diagnosed in SF who resided in other jurisdictions at the time of their AIDS diagnosis.

² Reporting for recent quarters is incomplete.

Table 1. AIDS Cases by Transmission Category and Gender, San Francisco, 1981-1996

Transmission Category (1)	Male		Female		Total	
	No.	(%)	No.	(%)	No.	(%)
Adult/Adolescent						
Gay or bisexual male	18865	(84.0)	0	(0.0)	18865	(81.4)
Injection drug user (IDU)	1096	(4.9)	378	(52.2)	1474	(6.4)
Gay or bisexual male IDU	2132	(9.5)	0	(0.0)	2132	(9.2)
Lesbian or bisexual IDU	0	(0.0)	24	(3.3)	24	(0.1)
Hemophiliac	37	(0.2)	1	(0.1)	38	(0.2)
Heterosexual (2)	46	(0.2)	203	(28.0)	249	(1.1)
Transfusion recipient	113	(0.5)	80	(11.0)	193	(0.8)
None of the above/Other (3)	143	(0.6)	19	(2.6)	162	(0.7)
Pediatric (0-12 years) (4)	20	(0.1)	19	(2.6)	39	(0.2)
Total	22452	(100)	724	(100)	23176	(100)

Table 2. AIDS Cases by Gender and Year of Diagnosis, San Francisco, 1981-1996

Gender	Year of Diagnosis					
	< 1986 No. (%)	1986 No. (%)	1987 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)
Male	2018 (99.2)	1375 (99.1)	1681 (98.9)	1717 (97.9)	1902 (96.9)	2079 (97.5)
Female	16 (0.8)	13 (0.9)	19 (1.1)	37 (2.1)	60 (3.1)	54 (2.5)
Total	2034 (100)	1388 (100)	1700 (100)	1754 (100)	1962 (100)	2133 (100)

Gender	Year of Diagnosis					
	1991 No. (%)	1992 No. (%)	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)
Male	2639 (97.2)	2913 (95.9)	2398 (95.8)	1810 (94.5)	1471 (94.4)	449 (94.3)
Female	77 (2.8)	123 (4.1)	105 (4.2)	105 (5.5)	88 (5.6)	27 (5.7)
Total	2716 (100)	3036 (100)	2503 (100)	1915 (100)	1559 (100)	476 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

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Table 3. AIDS Cases by Transmission Category and Race/Ethnicity, San Francisco, 1981-1996

Transmission Category (1)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/Pacific Islander No. (%)	Native American No. (%)
Adult/Adolescent					
Gay or bisexual male	15169 (85.9)	1363 (53.7)	1808 (78.3)	465 (80.2)	60 (61.2)
Injection drug user (IDU)	551 (3.1)	693 (27.3)	189 (8.2)	27 (4.7)	14 (14.3)
Gay or bisexual male IDU	1619 (9.2)	295 (11.6)	176 (7.6)	23 (4.0)	19 (19.4)
Lesbian or bisexual IDU	11 (0.1)	9 (0.4)	2 (0.1)	1 (0.2)	1 (1.0)
Hemophiliac	24 (0.1)	3 (0.1)	7 (0.3)	4 (0.7)	0 (0.0)
Heterosexual (2)	105 (0.6)	82 (3.2)	43 (1.9)	17 (2.9)	2 (2.0)
Transfusion recipient	104 (0.6)	29 (1.1)	31 (1.3)	29 (5.0)	0 (0.0)
None of the above/Other (3)	52 (0.3)	49 (1.9)	49 (2.1)	10 (1.7)	2 (2.0)
Pediatric (0-12 years) (4)	17 (0.1)	13 (0.5)	5 (0.2)	4 (0.7)	0 (0.0)
Total	17652 (100)	2536 (100)	2310 (100)	580 (100)	98 (100)

Table 4. AIDS Cases by Transmission Category and Asian/Pacific Islander Ethnicity, San Francisco, 1981-1996

Transmission Category (1)	Chinese No. (%)	Japanese No. (%)	Filipino No. (%)	Southeast Asian No. (%)	Korean No. (%)	Pacific Islander No. (%)	Other No. (%)
Adult/Adolescent							
Gay or bisexual male	126 (80.3)	69 (86.3)	173 (81.6)	31 (77.5)	7 (77.8)	27 (62.8)	32 (82.1)
Injection drug user (IDU)	6 (3.8)	1 (1.3)	6 (2.8)	5 (12.5)	1 (11.1)	6 (14.0)	2 (5.1)
Gay or bisexual male IDU	0 (0.0)	4 (5.0)	11 (5.2)	2 (5.0)	0 (0.0)	4 (9.3)	2 (5.1)
Lesbian or bisexual IDU	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (2.3)	0 (0.0)
Hemophiliac	1 (0.6)	1 (1.3)	1 (0.5)	0 (0.0)	0 (0.0)	0 (0.0)	1 (2.6)
Heterosexual (2)	2 (1.3)	2 (2.5)	8 (3.8)	1 (2.5)	1 (11.1)	2 (4.7)	1 (2.6)
Transfusion recipient	14 (8.9)	3 (3.8)	10 (4.7)	1 (2.5)	0 (0.0)	1 (2.3)	0 (0.0)
None of the above/Other (3)	6 (3.8)	0 (0.0)	2 (0.9)	0 (0.0)	0 (0.0)	1 (2.3)	1 (2.6)
Pediatric (0-12 years) (4)	2 (1.3)	0 (0.0)	1 (0.5)	0 (0.0)	0 (0.0)	1 (2.3)	0 (0.0)
Total	157 (100)	80 (100)	212 (100)	40 (100)	9 (100)	43 (100)	39 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

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Table 5. AIDS Cases by Transmission Category and Year of Diagnosis, San Francisco, 1981-1996

Transmission Category (1)	Year of Diagnosis					
	< 1986 No. (%)	1986 No. (%)	1987 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)
Adult/Adolescent						
Gay or bisexual male	1671 (82.2)	1170 (84.3)	1450 (85.3)	1497 (85.3)	1659 (84.6)	1806 (84.7)
Injection drug user (IDU)	20 (1.0)	26 (1.9)	35 (2.1)	61 (3.5)	97 (4.9)	113 (5.3)
Gay or bisexual male IDU	305 (15.0)	164 (11.8)	171 (10.1)	154 (8.8)	144 (7.3)	161 (7.5)
Lesbian or bisexual IDU	1 (0.0)	0 (0.0)	1 (0.1)	0 (0.0)	2 (0.1)	2 (0.1)
Hemophiliac	3 (0.1)	2 (0.1)	4 (0.2)	3 (0.2)	4 (0.2)	2 (0.1)
Heterosexual (2)	6 (0.3)	6 (0.4)	7 (0.4)	11 (0.6)	17 (0.9)	24 (1.1)
Transfusion recipient	17 (0.8)	15 (1.1)	16 (0.9)	23 (1.3)	25 (1.3)	11 (0.5)
None of the above/Other (3)	6 (0.3)	2 (0.1)	8 (0.5)	3 (0.2)	7 (0.4)	11 (0.5)
Pediatric (0-12 years) (4)	5 (0.2)	3 (0.2)	8 (0.5)	2 (0.1)	7 (0.4)	3 (0.1)
Total	2034 (100)	1388 (100)	1700 (100)	1754 (100)	1962 (100)	2133 (100)

Transmission Category (1)	Year of Diagnosis					
	1991 No. (%)	1992 No. (%)	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)
Adult/Adolescent						
Gay or bisexual male	2217 (81.6)	2428 (80.0)	1988 (79.4)	1458 (76.1)	1177 (75.5)	344 (72.3)
Injection drug user (IDU)	191 (7.0)	267 (8.8)	211 (8.4)	197 (10.3)	190 (12.2)	66 (13.9)
Gay or bisexual male IDU	227 (8.4)	242 (8.0)	217 (8.7)	178 (9.3)	127 (8.1)	42 (8.8)
Lesbian or bisexual IDU	2 (0.1)	4 (0.1)	5 (0.2)	3 (0.2)	4 (0.3)	0 (0.0)
Hemophiliac	3 (0.1)	7 (0.2)	2 (0.1)	4 (0.2)	3 (0.2)	1 (0.2)
Heterosexual (2)	25 (0.9)	49 (1.6)	40 (1.6)	29 (1.5)	28 (1.8)	7 (1.5)
Transfusion recipient	25 (0.9)	17 (0.6)	20 (0.8)	14 (0.7)	7 (0.4)	3 (0.6)
None of the above/Other (3)	21 (0.8)	20 (0.7)	18 (0.7)	30 (1.6)	23 (1.5)	13 (2.7)
Pediatric (0-12 years) (4)	5 (0.2)	2 (0.1)	2 (0.1)	2 (0.1)	0 (0.0)	0 (0.0)
Total	2716 (100)	3036 (100)	2503 (100)	1915 (100)	1559 (100)	476 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

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Table 6. AIDS Cases by Gender, Age Group and Race/Ethnicity, San Francisco, 1981-1996

Male						
Age (years)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/Pacific Islander No. (%)	Native American No. (%)	Total No. (%)
0 - 12	11 (0.1)	2 (0.1)	4 (0.2)	3 (0.6)	0 (0.0)	20 (0.1)
13 - 19	10 (0.1)	2 (0.1)	9 (0.4)	2 (0.4)	1 (1.1)	24 (0.1)
20 - 24	263 (1.5)	51 (2.3)	65 (2.9)	14 (2.6)	1 (1.1)	394 (1.8)
25 - 29	1569 (9.0)	220 (9.9)	337 (15.2)	67 (12.5)	15 (17.0)	2208 (9.8)
30 - 39	7981 (45.9)	1008 (45.1)	1086 (48.9)	239 (44.4)	48 (54.5)	10362 (46.2)
40 - 49	5569 (32.1)	671 (30.0)	532 (23.9)	151 (28.1)	17 (19.3)	6940 (30.9)
50 - 59	1555 (9.0)	215 (9.6)	150 (6.8)	45 (8.4)	6 (6.8)	1971 (8.8)
60 +	413 (2.4)	64 (2.9)	39 (1.8)	17 (3.2)	0 (0.0)	533 (2.4)
Male subtotal	17371 (100)	2233 (100)	2222 (100)	538 (100)	88 (100)	22452 (100)
Female						
Age (years)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/Pacific Islander No. (%)	Native American No. (%)	Total No. (%)
0 - 12	6 (2.1)	11 (3.6)	1 (1.1)	1 (2.4)	0 (0.0)	19 (2.6)
13 - 19	1 (0.4)	0 (0.0)	1 (1.1)	0 (0.0)	0 (0.0)	2 (0.3)
20 - 24	12 (4.3)	7 (2.3)	2 (2.3)	0 (0.0)	1 (10.0)	22 (3.0)
25 - 29	41 (14.6)	30 (9.9)	15 (17.0)	4 (9.5)	0 (0.0)	90 (12.4)
30 - 39	119 (42.3)	127 (41.9)	35 (39.8)	16 (38.1)	7 (70.0)	304 (42.0)
40 - 49	56 (19.9)	92 (30.4)	22 (25.0)	15 (35.7)	2 (20.0)	187 (25.0)
50 - 59	17 (6.0)	20 (6.6)	7 (8.0)	3 (7.1)	0 (0.0)	47 (6.5)
60 +	29 (10.3)	16 (5.3)	5 (5.7)	3 (7.1)	0 (0.0)	53 (7.3)
Female subtotal	281 (100)	303 (100)	88 (100)	42 (100)	10 (100)	724 (100)
Total	17652	2536	2310	580	98	23176

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Table 7. AIDS Cases by Race/Ethnicity and Year of Diagnosis, San Francisco, 1981-1996

Race/Ethnicity	Year of Diagnosis					
	< 1986 No. (%)	1986 No. (%)	1987 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)
White	1742 (85.6)	1156 (83.3)	1363 (80.2)	1400 (79.8)	1552 (79.1)	1656 (77.6)
African American	115 (5.7)	89 (6.4)	142 (8.4)	160 (9.1)	185 (9.4)	217 (10.2)
Latino	151 (7.4)	113 (8.1)	143 (8.4)	163 (9.3)	170 (8.7)	187 (8.8)
Asian/Pacific Islander	24 (1.2)	24 (1.7)	48 (2.8)	28 (1.6)	48 (2.4)	60 (2.8)
Native American	2 (0.1)	6 (0.4)	4 (0.2)	3 (0.2)	7 (0.4)	13 (0.6)
Total	2034 (100)	1388 (100)	1700 (100)	1754 (100)	1962 (100)	2133 (100)

Race/Ethnicity	Year of Diagnosis					
	1991 No. (%)	1992 No. (%)	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)
White	2038 (75.0)	2219 (73.1)	1801 (72.0)	1332 (69.6)	1075 (69.0)	318 (66.8)
African American	322 (11.9)	368 (12.1)	336 (13.4)	279 (14.6)	237 (15.2)	86 (18.1)
Latino	286 (10.5)	355 (11.7)	254 (10.1)	234 (12.2)	193 (12.4)	61 (12.8)
Asian/Pacific Islander	65 (2.4)	70 (2.3)	99 (4.0)	58 (3.0)	46 (3.0)	10 (2.1)
Native American	5 (0.2)	24 (0.8)	13 (0.5)	12 (0.6)	8 (0.5)	1 (0.2)
Total	2716 (100)	3036 (100)	2503 (100)	1915 (100)	1559 (100)	476 (100)

Table 8. AIDS Cases and Cumulative Rates per 100,000 by Race/Ethnicity and Gender, San Francisco (1)

Race/Ethnicity	Male		Female		Total	
	No.	(Rate)	No.	(Rate)	No.	(Rate)
White	15551	(8986.3)	229	(139.6)	15780	(4680.9)
African American	2011	(5395.0)	276	(706.5)	2287	(2995.7)
Latino	2032	(3960.0)	76	(153.8)	2108	(2093.0)
Asian/Pacific Islander	478	(484.1)	31	(29.0)	509	(247.5)
Native American	83	(6040.8)	9	(713.7)	92	(3491.5)
Total	20155	(5560.0)	621	(171.8)	20776	(2869.8)

(1) Includes only San Francisco residents. This excludes persons diagnosed in SF who resided in other jurisdictions at the time of their AIDS diagnosis. Because of this exclusion, case numbers in this table are different from those in the other tables included in this report.

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Table 9. AIDS Cases and Case-Fatality Rates by Year of Diagnosis

Year of Diagnosis	Number of Cases	Number of Known Deaths	Case-Fatality Rate (1)
1980	4	3	75.0 %
1981	30	28	93.3 %
1982	116	116	100.0 %
1983	318	307	96.5 %
1984	616	602	97.7 %
1985	950	931	98.0 %
1986	1388	1344	96.8 %
1987	1700	1625	95.6 %
1988	1754	1633	93.1 %
1989	1962	1752	89.3 %
1990	2133	1812	85.0 %
1991	2716	2126	78.3 %
1992	3036	1999	65.8 %
1993	2503	1103	44.1 %
1994	1915	494	25.8 %
1995	1559	179	11.5 %
1996	476	18	3.8 %
Total	23176	16072	69.3 %

(1) Case-fatality rate is the number of deaths that have occurred among cases diagnosed each year (regardless of the year of death), divided by the number of total cases diagnosed each year, multiplied by 100.

Table 10. Cases by Initial AIDS-Defining Condition, San Francisco, 1981-1996

Initial AIDS-Defining Condition	Def.(1) No.	Pres.(2) No.	Total No. (%)
Bacterial infections, recurrent, < 13 years [HIV+(3)]	4	N/A(4)	4 (0.0)
Candidiasis of esophagus, bronchi, trachea, or lungs	334	217	551 (2.4)
Cervical cancer, invasive [HIV+]	1	N/A	1 (0.0)
Coccidioidomycosis, disseminated or extrapulmonary [HIV+]	11	N/A	11 (0.0)
Cryptococcosis, extrapulmonary	461	N/A	461 (2.0)
Cryptosporidiosis, intestinal (> 1 mo. duration)	365	N/A	365 (1.6)
Cytomegalovirus (except liver, spleen, lymph nodes), > 1 month of age	253	N/A	253 (1.1)
CMV retinitis with loss of vision [HIV+]	0	171	171 (0.7)
HIV encephalopathy [HIV+]	464	N/A	464 (2.0)
Herpes simplex: chronic (> 1 mo. duration), bronchitis, pneumonitis, esophagitis	113	N/A	113 (0.5)
Histoplasmosis, disseminated or extrapulmonary [HIV+]	30	N/A	30 (0.1)
Isosporiasis, intestinal (> 1 mo. duration) [HIV+]	25	N/A	25 (0.1)
Kaposi's sarcoma (5)	2963	246	3209 (13.8)
Lymphoid interstitial pneumonia/pulmonary lymphoid hyperplasia, < 13 years	7	0	7 (0.0)
Lymphoma, Non-Hodgkin's [HIV+]	536	N/A	536 (2.3)
Lymphoma, primary in brain (5)	53	N/A	53 (0.2)
Mycobacterium avium complex or M. kansasii, disseminated or extrapulmonary	365	0	365 (1.6)
Mycobacterium tuberculosis, pulmonary [HIV+]	104	19	123 (0.5)
Mycobacterium tuberculosis, disseminated or extrapulmonary [HIV+]	158	0	158 (0.7)
Mycobacterium other species, disseminated or extrapulmonary [HIV+]	18	25	43 (0.2)
Pneumocystis carinii pneumonia	5807	652	6459 (27.9)
Pneumonia, recurrent [HIV+]	98	10	108 (0.5)
Progressive multifocal leukoencephalopathy	51	N/A	51 (0.2)
Salmonella sepsis, recurrent [HIV+]	7	N/A	7 (0.0)
Toxoplasmosis of brain, > 1 month of age	40	254	294 (1.3)
Wasting syndrome [HIV+]	764	N/A	764 (3.3)
CD4 T lymphocyte count < 200 or percent < 14 [HIV+]	8545	N/A	8545 (36.9)
Any AIDS indicator condition and HIV-negative and CD4 count < 400 (6)	5	N/A	5 (0.0)
Total	21582	1594	23176 (100)

(1) Indicator conditions diagnosed definitively (e.g. culture or biopsy proven).

(2) Indicator conditions diagnosed presumptively in a person who has laboratory evidence of HIV infection.

(3) [HIV+]: Indicator conditions that require laboratory evidence of HIV infection.

(4) N/A: Conditions which require definitive diagnoses only.

(5) Laboratory evidence of HIV infection in persons > 60 years of age.

(6) In the absence of other causes of immunocompromise.

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Table 11. Cumulative AIDS Indicator Conditions among Persons with AIDS, San Francisco, 1981-1996

AIDS Indicator Condition (1)	Total No. (%)
Bacterial infections, recurrent, < 13 years [HIV+(2)]	2 (0.0)
Candidiasis of esophagus, bronchi, trachea, or lungs	1395 (6.0)
Cervical cancer, invasive [HIV+]	4 (0.0)
Cc.cidioidomycosis, disseminated or extrapulmonary [HIV+]	37 (0.2)
Cryptococcosis, extrapulmonary	1505 (6.5)
Cryptosporidiosis, intestinal (> 1 mo. duration)	1101 (4.8)
Cytomegalovirus (except liver, spleen, lymph nodes), > 1 month of age	1946 (8.4)
CMV retinitis with loss of vision [HIV+]	1718 (7.4)
HIV encephalopathy [HIV+]	1750 (7.6)
Herpes simplex: chronic (> 1 mo. duration), bronchitis, pneumonitis, esophagitis	316 (1.4)
Histoplasmosis, disseminated or extrapulmonary [HIV+]	127 (0.5)
Isosporiasis, intestinal (> 1 mo. duration) [HIV+]	61 (0.3)
Kaposi's sarcoma (3)	6019 (26.0)
Lymphoid interstitial pneumonia/pulmonary lymphoid hyperplasia, < 13 years	6 (0.0)
Lymphoma, Non-Hodgkin's [HIV+]	1326 (5.7)
Lymphoma, primary in brain (3)	304 (1.3)
Mycobacterium avium complex or M. kansasii, disseminated or extrapulmonary	4587 (19.8)
Mycobacterium tuberculosis, pulmonary [HIV+]	397 (1.7)
Mycobacterium tuberculosis, disseminated or extrapulmonary [HIV+]	400 (1.7)
Mycobacterium other species, disseminated or extrapulmonary [HIV+]	269 (1.2)
Pneumocystis carinii pneumonia	9968 (43.0)
Pneumonia, recurrent [HIV+]	183 (0.8)
Progressive multifocal leukoencephalopathy	209 (0.9)
Salmonella sepsis, recurrent [HIV+]	49 (0.2)
Toxoplasmosis of brain, > 1 month of age	1017 (4.4)
Wasting syndrome [HIV+]	2745 (11.8)

(1) Cases may have more than one condition.

(2) [HIV+]: Indicator conditions that require laboratory evidence of HIV infection.

(3) Laboratory evidence of HIV infection in persons > 60 years of age.



AIDS/PUBLIC HEALTH MONTHLY GRAND ROUNDS

Dear Colleague;

The Department of Public Health will be holding another in its series of monthly AIDS/ Public Health Grand Rounds on the clinical, epidemiological, social, and public health aspects of the AIDS epidemic and other public health issues. The next session will be on Wednesday, July 31, 1996, at 101 Grove Street, Room 300, from **3:00 to 5:00 PM**. Please note the change in date and time. We will be starting earlier than usual in order to allow time to cover many topics of from the conference

"Report from the Eleventh International AIDS Conference, Vancouver, Canada

Please join us for what promises to be an informative session.

Sincerely,

A handwritten signature in dark ink, appearing to read "Mitchell Katz".

Mitchell Katz, MD
Director, Epidemiology, Disease Control, and AIDS

Physicians and nurses may receive Category I continuing education credits for attending these Grand Rounds, as described below. Attendance records are kept by the Department of Public Health, and participants must sign the attendance sheet in order to receive credit. No certificates of participation will be prepared; participants should keep track of their own hours of attendance.

This program is sponsored by the University of California School of Medicine at San Francisco (UCSF). UCSF is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians and nurses. The Office of CME designates this continuing medical education activity on an hour-for-hour basis in Category I of the Physician's Recognition Award of the American Medical Association and the Certificate Program of the California Medical Association.

SAN FRANCISCO DEPARTMENT OF PUBLIC HEALTH
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AIDS SURVEILLANCE REPORT

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AIDS Cases Reported Through September 1996

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The AIDS Surveillance Report is published quarterly by the San Francisco Department of Public Health AIDS Office, Seroepidemiology and Surveillance Branch, 25 Van Ness Avenue, Suite 500, San Francisco, CA 94102-6033. Phone: (415) 554-9050 FAX: (415) 431-0353
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Epidemiologist: Ling Hsu, MPH; Branch Administrator: Giuliano Nieri
Data Manager: Michael Lingo; MIS Technician: Gloria Fosadas

AIDS REPORTED CASES

(From 7/81 to 9/30/96)¹

San Francisco

Cumulative cases:	23,532
Cumulative deaths:	16,442
Cases reported this quarter:	386
Deaths reported this quarter:	376

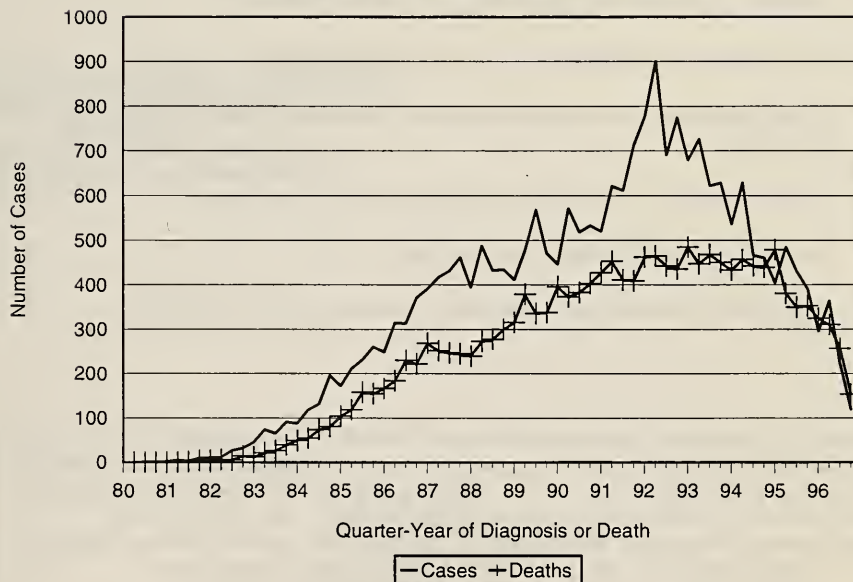
California (as of 9/30/96)

Cumulative cases:	96,120
Cumulative deaths:	62,153

United States (as of 12/31/95)

Cumulative cases:	513,486
Cumulative deaths:	319,849

San Francisco AIDS Incidence and Mortality
by Quarter-Year of Diagnosis or Death, 1980-1996²



¹ Includes SF residents diagnosed in SF, SF residents diagnosed in other jurisdictions, and persons diagnosed in SF who resided in other jurisdictions at the time of their AIDS diagnosis.

² Reporting for recent quarters is incomplete.

Table 1. AIDS Cases by Transmission Category and Gender, San Francisco, 1981-1996

Transmission Category (1)	Male		Female		Total	
	No.	(%)	No.	(%)	No.	(%)
Adult/Adolescent						
Gay or bisexual male	19127	(84.0)	0	(0.0)	19127	(81.3)
Injection drug user (IDU)	1117	(4.9)	398	(52.5)	1515	(6.4)
Gay or bisexual male IDU	2166	(9.5)	0	(0.0)	2166	(9.2)
Lesbian or bisexual IDU	0	(0.0)	25	(3.3)	25	(0.1)
Hemophiliac	37	(0.2)	1	(0.1)	38	(0.2)
Heterosexual (2)	48	(0.2)	210	(27.7)	258	(1.1)
Transfusion recipient	112	(0.5)	80	(10.6)	192	(0.8)
None of the above/Other (3)	146	(0.6)	25	(3.3)	171	(0.7)
Pediatric (0-12 years) (4)	21	(0.1)	19	(2.5)	40	(0.2)
Total	22774	(100)	758	(100)	23532	(100)

Table 2. AIDS Cases by Gender and Year of Diagnosis, San Francisco, 1981-1996

Gender	Year of Diagnosis					
	< 1986 No. (%)	1986 No. (%)	1987 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)
Male	2019 (99.2)	1376 (99.1)	1682 (98.9)	1726 (97.8)	1902 (96.9)	2088 (97.5)
Female	16 (0.8)	13 (0.9)	19 (1.1)	38 (2.2)	60 (3.1)	54 (2.5)
Total	2035 (100)	1389 (100)	1701 (100)	1764 (100)	1962 (100)	2142 (100)

Gender	Year of Diagnosis					
	1991 No. (%)	1992 No. (%)	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)
Male	2646 (97.2)	2921 (96.0)	2406 (95.8)	1851 (94.5)	1507 (94.2)	650 (92.3)
Female	76 (2.8)	123 (4.0)	106 (4.2)	107 (5.5)	92 (5.8)	54 (7.7)
Total	2722 (100)	3044 (100)	2512 (100)	1958 (100)	1599 (100)	704 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

**Acquired Immunodeficiency Syndrome (AIDS) Quarterly Surveillance Report
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Table 3. AIDS Cases by Transmission Category and Race/Ethnicity, San Francisco, 1981-1996

Transmission Category (1)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/Pacific Islander No. (%)	Native American No. (%)
Adult/Adolescent					
Gay or bisexual male	15351 (85.9)	1388 (53.6)	1848 (78.2)	480 (80.0)	60 (59.4)
Injection drug user (IDU)	568 (3.2)	711 (27.5)	195 (8.3)	27 (4.5)	14 (13.9)
Gay or bisexual male IDU	1643 (9.2)	298 (11.5)	179 (7.6)	24 (4.0)	22 (21.8)
Lesbian or bisexual IDU	11 (0.1)	10 (0.4)	2 (0.1)	1 (0.2)	1 (1.0)
Hemophiliac	24 (0.1)	3 (0.1)	7 (0.3)	4 (0.7)	0 (0.0)
Heterosexual (2)	108 (0.6)	84 (3.2)	47 (2.0)	17 (2.8)	2 (2.0)
Transfusion recipient	104 (0.6)	28 (1.1)	31 (1.3)	29 (4.8)	0 (0.0)
None of the above/Other (3)	53 (0.3)	54 (2.1)	48 (2.0)	14 (2.3)	2 (2.0)
Pediatric (0-12 years) (4)	17 (0.1)	14 (0.5)	5 (0.2)	4 (0.7)	0 (0.0)
Total	17879 (100)	2590 (100)	2362 (100)	600 (100)	101 (100)

Table 4. AIDS Cases by Transmission Category and Asian/Pacific Islander Ethnicity, San Francisco, 1981-1996

Transmission Category (1)	Chinese No. (%)	Japanese No. (%)	Filipino No. (%)	Southeast Asian No. (%)	Korean No. (%)	Pacific Islander No. (%)	Other No. (%)
Adult/Adolescent							
Gay or bisexual male	131 (79.9)	72 (85.7)	180 (81.8)	33 (80.5)	7 (70.0)	28 (59.6)	29 (85.3)
Injection drug user (IDU)	6 (3.7)	1 (1.2)	6 (2.7)	4 (9.8)	2 (20.0)	6 (12.8)	2 (5.9)
Gay or bisexual male IDU	1 (0.6)	4 (4.8)	11 (5.0)	2 (4.9)	0 (0.0)	4 (8.5)	2 (5.9)
Lesbian or bisexual IDU	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (2.1)	0 (0.0)
Hemophiliac	1 (0.6)	1 (1.2)	1 (0.5)	0 (0.0)	0 (0.0)	1 (2.1)	0 (0.0)
Heterosexual (2)	2 (1.2)	2 (2.4)	8 (3.6)	1 (2.4)	1 (10.0)	3 (6.4)	0 (0.0)
Transfusion recipient	14 (8.5)	3 (3.6)	10 (4.5)	1 (2.4)	0 (0.0)	1 (2.1)	0 (0.0)
None of the above/Other (3)	7 (4.3)	1 (1.2)	3 (1.4)	0 (0.0)	0 (0.0)	2 (4.3)	1 (2.9)
Pediatric (0-12 years) (4)	2 (1.2)	0 (0.0)	1 (0.5)	0 (0.0)	0 (0.0)	1 (2.1)	0 (0.0)
Total	164 (100)	84 (100)	220 (100)	41 (100)	10 (100)	47 (100)	34 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

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Table 5. AIDS Cases by Transmission Category and Year of Diagnosis, San Francisco, 1981-1996

Transmission Category (1)	Year of Diagnosis					
	< 1986 No. (%)	1986 No. (%)	1987 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)
Adult/Adolescent						
Gay or bisexual male	1672 (82.2)	1171 (84.3)	1451 (85.3)	1504 (85.3)	1660 (84.6)	1813 (84.6)
Injection drug user (IDU)	20 (1.0)	26 (1.9)	35 (2.1)	62 (3.5)	97 (4.9)	113 (5.3)
Gay or bisexual male IDU	305 (15.0)	164 (11.8)	171 (10.1)	156 (8.8)	143 (7.3)	161 (7.5)
Lesbian or bisexual IDU	1 (0.0)	0 (0.0)	1 (0.1)	0 (0.0)	2 (0.1)	3 (0.1)
Hemophiliac	3 (0.1)	2 (0.1)	4 (0.2)	3 (0.2)	4 (0.2)	2 (0.1)
Heterosexual (2)	6 (0.3)	6 (0.4)	7 (0.4)	11 (0.6)	17 (0.9)	25 (1.2)
Transfusion recipient	17 (0.8)	15 (1.1)	16 (0.9)	23 (1.3)	25 (1.3)	11 (0.5)
None of the above/Other (3)	6 (0.3)	2 (0.1)	8 (0.5)	3 (0.2)	7 (0.4)	11 (0.5)
Pediatric (0-12 years) (4)	5 (0.2)	3 (0.2)	8 (0.5)	2 (0.1)	7 (0.4)	3 (0.1)
Total	2035 (100)	1389 (100)	1701 (100)	1764 (100)	1962 (100)	2142 (100)

Transmission Category (1)	Year of Diagnosis					
	1991 No. (%)	1992 No. (%)	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)
Adult/Adolescent						
Gay or bisexual male	2222 (81.6)	2434 (80.0)	1996 (79.5)	1494 (76.3)	1211 (75.7)	499 (70.9)
Injection drug user (IDU)	193 (7.1)	267 (8.8)	211 (8.4)	199 (10.2)	189 (11.8)	103 (14.6)
Gay or bisexual male IDU	229 (8.4)	243 (8.0)	218 (8.7)	182 (9.3)	130 (8.1)	64 (9.1)
Lesbian or bisexual IDU	2 (0.1)	4 (0.1)	5 (0.2)	3 (0.2)	4 (0.3)	0 (0.0)
Hemophiliac	3 (0.1)	7 (0.2)	2 (0.1)	4 (0.2)	3 (0.2)	1 (0.1)
Heterosexual (2)	24 (0.9)	49 (1.6)	39 (1.6)	32 (1.6)	28 (1.8)	14 (2.0)
Transfusion recipient	25 (0.9)	17 (0.6)	19 (0.8)	14 (0.7)	7 (0.4)	3 (0.4)
None of the above/Other (3)	19 (0.7)	21 (0.7)	19 (0.8)	28 (1.4)	27 (1.7)	20 (2.8)
Pediatric (0-12 years) (4)	5 (0.2)	2 (0.1)	3 (0.1)	2 (0.1)	0 (0.0)	0 (0.0)
Total	2722 (100)	3044 (100)	2512 (100)	1958 (100)	1599 (100)	704 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

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Table 6. AIDS Cases by Gender, Age Group and Race/Ethnicity, San Francisco, 1981-1996

Male						
Age (years)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/Pacific Islander No. (%)	Native American No. (%)	Total No. (%)
0 - 12	11 (0.1)	3 (0.1)	4 (0.2)	3 (0.5)	0 (0.0)	21 (0.1)
13 - 19	10 (0.1)	1 (0.0)	10 (0.4)	2 (0.4)	1 (1.1)	24 (0.1)
20 - 24	266 (1.5)	52 (2.3)	67 (3.0)	15 (2.7)	1 (1.1)	401 (1.8)
25 - 29	1578 (9.0)	227 (10.0)	343 (15.1)	67 (12.1)	16 (17.6)	2231 (9.8)
30 - 39	8086 (46.0)	1017 (44.8)	1114 (49.1)	248 (44.6)	50 (54.9)	10515 (46.2)
40 - 49	5643 (32.1)	682 (30.1)	536 (23.6)	159 (28.6)	17 (18.7)	7037 (30.9)
50 - 59	1580 (9.0)	218 (9.6)	153 (6.7)	45 (8.1)	6 (6.6)	2002 (8.8)
60 +	417 (2.4)	68 (3.0)	41 (1.8)	17 (3.1)	0 (0.0)	543 (2.4)
<hr/>						
Male subtotal	17591 (100)	2268 (100)	2268 (100)	556 (100)	91 (100)	22774 (100)
<hr/>						
Female						
Age (years)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/Pacific Islander No. (%)	Native American No. (%)	Total No. (%)
0 - 12	6 (2.1)	11 (3.4)	1 (1.1)	1 (2.3)	0 (0.0)	19 (2.5)
13 - 19	1 (0.3)	0 (0.0)	1 (1.1)	0 (0.0)	0 (0.0)	2 (0.3)
20 - 24	12 (4.2)	7 (2.2)	3 (3.2)	0 (0.0)	1 (10.0)	23 (3.0)
25 - 29	42 (14.6)	30 (9.3)	15 (16.0)	4 (9.1)	0 (0.0)	91 (12.0)
30 - 39	120 (41.7)	135 (41.9)	38 (40.4)	17 (38.6)	7 (70.0)	317 (41.8)
40 - 49	60 (20.8)	102 (31.7)	23 (24.5)	16 (36.4)	2 (20.0)	203 (26.8)
50 - 59	18 (6.3)	21 (6.5)	8 (8.5)	3 (6.8)	0 (0.0)	50 (6.6)
60 +	29 (10.1)	16 (5.0)	5 (5.3)	3 (6.8)	0 (0.0)	53 (7.0)
<hr/>						
Female subtotal	288 (100)	322 (100)	94 (100)	44 (100)	10 (100)	758 (100)
<hr/>						
Total	17879	2590	2362	600	101	23532

**Acquired Immunodeficiency Syndrome (AIDS) Quarterly Surveillance Report
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Table 7. AIDS Cases by Race/Ethnicity and Year of Diagnosis, San Francisco, 1981-1996

Race/Ethnicity	Year of Diagnosis					
	< 1986 No. (%)	1986 No. (%)	1987 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)
White	1742 (85.6)	1157 (83.3)	1364 (80.2)	1405 (79.6)	1551 (79.1)	1662 (77.6)
African American	116 (5.7)	89 (6.4)	142 (8.3)	160 (9.1)	187 (9.5)	220 (10.3)
Latino	151 (7.4)	113 (8.1)	143 (8.4)	165 (9.4)	170 (8.7)	187 (8.7)
Asian/Pacific Islander	24 (1.2)	24 (1.7)	48 (2.8)	31 (1.8)	47 (2.4)	60 (2.8)
Native American	2 (0.1)	6 (0.4)	4 (0.2)	3 (0.2)	7 (0.4)	13 (0.6)
Total	2035 (100)	1389 (100)	1701 (100)	1764 (100)	1962 (100)	2142 (100)

Race/Ethnicity	Year of Diagnosis					
	1991 No. (%)	1992 No. (%)	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)
White	2045 (75.1)	2223 (73.0)	1807 (71.9)	1368 (69.9)	1103 (69.0)	452 (64.2)
African American	319 (11.7)	370 (12.2)	338 (13.5)	281 (14.4)	237 (14.8)	131 (18.6)
Latino	289 (10.6)	355 (11.7)	256 (10.2)	237 (12.1)	203 (12.7)	93 (13.2)
Asian/Pacific Islander	64 (2.4)	72 (2.4)	98 (3.9)	58 (3.0)	49 (3.1)	25 (3.6)
Native American	5 (0.2)	24 (0.8)	13 (0.5)	14 (0.7)	7 (0.4)	3 (0.4)
Total	2722 (100)	3044 (100)	2512 (100)	1958 (100)	1599 (100)	704 (100)

Table 8. AIDS Cases and Cumulative Rates per 100,000 by Race/Ethnicity and Gender, San Francisco (1)

Race/Ethnicity	Male		Female		Total	
	No.	(Rate)	No.	(Rate)	No.	(Rate)
White	15742	(9096.6)	236	(143.8)	15978	(4739.6)
African American	2045	(5486.3)	293	(750.0)	2338	(3062.5)
Latino	2074	(4041.9)	82	(166.0)	2156	(2140.7)
Asian/Pacific Islander	492	(498.3)	33	(30.9)	525	(255.2)
Native American	86	(6259.1)	9	(713.7)	95	(3605.3)
Total	20439	(5638.4)	653	(180.7)	21092	(2913.4)

(1) Includes only San Francisco residents. This excludes persons diagnosed in SF who resided in other jurisdictions at the time of their AIDS diagnosis. Because of this exclusion, case numbers in this table are different from those in the other tables included in this report.

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Table 9. AIDS Cases and Case-Fatality Rates by Year of Diagnosis

Year of Diagnosis	Number of Cases	Number of Known Deaths	Case-Fatality Rate (1)
1980	4	3	75.0 %
1981	30	28	93.3 %
1982	116	116	100.0 %
1983	318	307	96.5 %
1984	617	603	97.7 %
1985	950	931	98.0 %
1986	1389	1346	96.9 %
1987	1701	1626	95.6 %
1988	1764	1648	93.4 %
1989	1962	1760	89.7 %
1990	2142	1832	85.5 %
1991	2722	2167	79.6 %
1992	3044	2085	68.5 %
1993	2512	1173	46.7 %
1994	1958	574	29.3 %
1995	1599	208	13.0 %
1996	704	35	5.0 %
Total	23532	16442	69.9 %

(1) Case-fatality rate is the number of deaths that have occurred among cases diagnosed each year (regardless of the year of death), divided by the number of total cases diagnosed each year, multiplied by 100.

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Table 10. Cases by Initial AIDS-Defining Condition, San Francisco, 1981-1996

Initial AIDS-Defining Condition	Def. (1) No.	Pres. (2) No.	Total No. (%)
Bacterial infections, recurrent, < 13 years [HIV+(3)]	4	N/A(4)	4 (0.0)
Candidiasis of esophagus, bronchi, trachea, or lungs	337	217	554 (2.4)
Cervical cancer, invasive [HIV+]	1	N/A	1 (0.0)
Coccidioidomycosis, disseminated or extrapulmonary [HIV+]	12	N/A	12 (0.1)
Cryptococcosis, extrapulmonary	459	N/A	459 (2.0)
Cryptosporidiosis, intestinal (> 1 mo. duration)	373	N/A	373 (1.6)
Cytomegalovirus (except liver, spleen, lymph nodes), > 1 month of age	254	N/A	254 (1.1)
CMV retinitis with loss of vision [HIV+]	0	173	173 (0.7)
HIV encephalopathy [HIV+]	468	N/A	468 (2.0)
Herpes simplex: chronic (> 1 mo. duration), bronchitis, pneumonitis, esophagitis	113	N/A	113 (0.5)
Histoplasmosis, disseminated or extrapulmonary [HIV+]	30	N/A	30 (0.1)
Isosporiasis, intestinal (> 1 mo. duration) [HIV+]	25	N/A	25 (0.1)
Kaposi's sarcoma (5)	2958	250	3208 (13.6)
Lymphoid interstitial pneumonia/pulmonary lymphoid hyperplasia, < 13 years	7	0	7 (0.0)
Lymphoma, Non-Hodgkin's [HIV+]	542	N/A	542 (2.3)
Lymphoma, primary in brain (5)	52	N/A	52 (0.2)
Mycobacterium avium complex or M. kansasii, disseminated or extrapulmonary	366	0	366 (1.6)
Mycobacterium tuberculosis, pulmonary [HIV+]	136	18	154 (0.7)
Mycobacterium tuberculosis, disseminated or extrapulmonary [HIV+]	158	0	158 (0.7)
Mycobacterium other species, disseminated or extrapulmonary [HIV+]	18	24	42 (0.2)
Pneumocystis carinii pneumonia	5818	653	6471 (27.5)
Pneumonia, recurrent [HIV+]	100	10	110 (0.5)
Progressive multifocal leukoencephalopathy	57	N/A	57 (0.2)
Salmonella sepsis, recurrent [HIV+]	6	N/A	6 (0.0)
Toxoplasmosis of brain, > 1 month of age	39	255	294 (1.2)
Wasting syndrome [HIV+]	768	N/A	768 (3.3)
CD4 T lymphocyte count < 200 or percent < 14 [HIV+]	8825	N/A	8825 (37.5)
Any AIDS indicator condition and HIV-negative and CD4 count < 400 (6)	5	N/A	5 (0.0)
Total	21931	1600	23532 (100)

(1) Indicator conditions diagnosed definitively (e.g. culture or biopsy proven).

(2) Indicator conditions diagnosed presumptively in a person who has laboratory evidence of HIV infection.

(3) [HIV+]: Indicator conditions that require laboratory evidence of HIV infection.

(4) N/A: Conditions which require definitive diagnoses only.

(5) Laboratory evidence of HIV infection in persons > 60 years of age.

(6) In the absence of other causes of immunocompromise.

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Table 11. Cumulative AIDS Indicator Conditions among Persons with AIDS, San Francisco, 1981-1996

AIDS Indicator Condition (1)	Total No. (%)
Bacterial infections, recurrent, < 13 years [HIV+(2)]	2 (0.0)
Candidiasis of esophagus, bronchi, trachea, or lungs	1414 (6.0)
Cervical cancer, invasive [HIV+]	4 (0.0)
Coccidioidomycosis, disseminated or extrapulmonary [HIV+]	38 (0.2)
Cryptococcosis, extrapulmonary	1524 (6.5)
Cryptosporidiosis, intestinal (> 1 mo. duration)	1159 (4.9)
Cytomegalovirus (except liver, spleen, lymph nodes), > 1 month of age	1976 (8.4)
CMV retinitis with loss of vision [HIV+]	1734 (7.4)
HIV encephalopathy [HIV+]	1770 (7.5)
Herpes simplex: chronic (> 1 mo. duration), bronchitis, pneumonitis, esophagitis	326 (1.4)
Histoplasmosis, disseminated or extrapulmonary [HIV+]	129 (0.5)
Isosporiasis, intestinal (> 1 mo. duration) [HIV+]	61 (0.3)
Kaposi's sarcoma (3)	6073 (25.8)
Lymphoid interstitial pneumonia/pulmonary lymphoid hyperplasia, < 13 years	6 (0.0)
Lymphoma, Non-Hodgkin's [HIV+]	1353 (5.7)
Lymphoma, primary in brain (3)	313 (1.3)
Mycobacterium avium complex or M. kansasii, disseminated or extrapulmonary	4630 (19.7)
Mycobacterium tuberculosis, pulmonary [HIV+]	399 (1.7)
Mycobacterium tuberculosis, disseminated or extrapulmonary [HIV+]	397 (1.7)
Mycobacterium other species, disseminated or extrapulmonary [HIV+]	271 (1.2)
Pneumocystis carinii pneumonia	10031 (42.6)
Pneumonia, recurrent [HIV+]	190 (0.8)
Progressive multifocal leukoencephalopathy	230 (1.0)
Salmonella sepsis, recurrent [HIV+]	49 (0.2)
Toxoplasmosis of brain, > 1 month of age	1028 (4.4)
Wasting syndrome [HIV+]	2792 (11.9)

(1) Cases may have more than one condition.

(2) [HIV+]: Indicator conditions that require laboratory evidence of HIV infection.

(3) Laboratory evidence of HIV infection in persons > 60 years of age.



AIDS/PUBLIC HEALTH MONTHLY GRAND ROUNDS

Dear Colleague:

The Department of Public Health will be holding another in its series of monthly AIDS/ Public Health Grand Rounds on the clinical, epidemiologic, social, and public health aspects of the AIDS epidemic and other public health issues. The next session will be on Wednesday, October 23, 1996, at 101 Grove Street, Room 300, from 3:30 to 5:00 PM. The program topic will be:

The San Francisco AIDS Oral History
Project: The Medical Response

Participants:

Oral History Project Staff:

Willa Baum, UCB Regional Oral History Office
David Lennette, PhD, Virolab
Robin Chandler, MLS,
UCSF AIDS History Project Archives
Sally Smith Hughes PhD,
UCB Regional Oral Office

Interviewees:

Donald Abrams, MD, SFGH
Marcus Conant, MD, SFGH
Selma Dritz, MD, MPH,
SF Dept. Of Public Health, emeritus
Andrew Moss, PhD, MPH, SFGH,
Mervyn Silverman, MD, MPH,
SF Dept. Of Public Health, emeritus

Please join us for what promises to be an informative session.

Sincerely,

A handwritten signature in dark ink, appearing to read "Mitchell Katz".

Mitchell Katz, M.D.

Director, Epidemiology, Disease Control, and AIDS

Physicians and nurses may receive Category I continuing education credits for attending these Grand Rounds, as described below. Attendance records are kept by the Department of Public Health, and participants must sign the attendance sheet in order to receive credit. No certificates of participation will be prepared; participants should keep track of their own hours of attendance.

This program is sponsored by the University of California School of Medicine at San Francisco (UCSF). UCSF is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians and nurses. The Office of CME designates this continuing medical education activity on an hour-for-hour basis in Category I of the Physician's Recognition Award of the American Medical Association and the Certificate Program of the California Medical Association.

**SAN FRANCISCO DEPARTMENT OF PUBLIC HEALTH
SEROEPIDEMIOLOGY AND SURVEILLANCE BRANCH**

AIDS OFFICE

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The AIDS Surveillance Report is published quarterly by the San Francisco Department of Public Health AIDS Office, Seroepidemiology and Surveillance Branch, 25 Van Ness Avenue, Suite 500, San Francisco, CA 94102-6033. Phone: (415) 554-9050 FAX: (415) 431-0353
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Epidemiologist: Ling Hsu, MPH; Field Staff Coordinator: Maree Kay Parisi
Data Manager: Michael Lingo; MIS Technician: Gloria Posadas

AIDS REPORTED CASES (From 07/81 to 12/31/96)¹

San Francisco

Cumulative cases:	23,841
Cumulative deaths:	16,604
Cases reported this quarter:	344
Deaths reported this quarter:	172

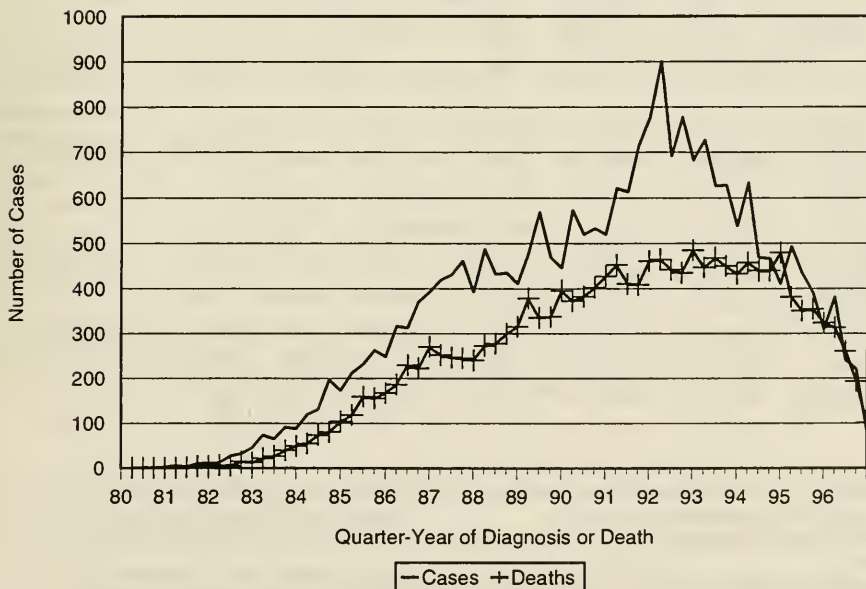
California (as of 11/30/96)

Cumulative cases:	97,690
Cumulative deaths:	63,063

United States (as of 6/30/96)

Cumulative cases:	548,102
Cumulative deaths:	343,000

San Francisco AIDS Incidence and Mortality by Quarter-Year of Diagnosis or Death, 1980-1996²



¹ Includes SF residents diagnosed in SF, SF residents diagnosed in other jurisdictions, and persons diagnosed in SF who resided in other jurisdictions at the time of their AIDS diagnosis.

² Reporting for recent quarters is incomplete.

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Table 1. AIDS Cases by Transmission Category and Gender, San Francisco, 1981-1996

Transmission Category (1)	Male		Female		Total	
	No.	(%)	No.	(%)	No.	(%)
Adult/Adolescent						
Gay or bisexual male	19363	(83.9)	0	(0.0)	19363	(81.2)
Injection drug user (IDU)	1135	(4.9)	404	(52.7)	1539	(6.5)
Gay or bisexual male IDU	2205	(9.6)	0	(0.0)	2205	(9.2)
Lesbian or bisexual IDU	0	(0.0)	25	(3.3)	25	(0.1)
Hemophiliac	38	(0.2)	1	(0.1)	39	(0.2)
Heterosexual (2)	53	(0.2)	212	(27.6)	265	(1.1)
Transfusion recipient	113	(0.5)	81	(10.6)	194	(0.8)
None of the above/Other (3)	146	(0.6)	25	(3.3)	171	(0.7)
Pediatric (0-12 years) (4)	21	(0.1)	19	(2.5)	40	(0.2)
Total	23074	(100)	767	(100)	23841	(100)

Table 2. AIDS Cases by Gender and Year of Diagnosis, San Francisco, 1981-1996

Gender	Year of Diagnosis					
	< 1986 No. (%)	1986 No. (%)	1987 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)
Male	2026 (99.2)	1379 (99.0)	1685 (98.9)	1727 (97.8)	1901 (96.9)	2091 (97.5)
Female	16 (0.8)	14 (1.0)	19 (1.1)	38 (2.2)	60 (3.1)	54 (2.5)
Total	2042 (100)	1393 (100)	1704 (100)	1765 (100)	1961 (100)	2145 (100)

Gender	Year of Diagnosis					
	1991 No. (%)	1992 No. (%)	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)
Male	2652 (97.2)	2929 (96.0)	2412 (95.8)	1872 (94.6)	1535 (94.3)	865 (93.4)
Female	76 (2.8)	123 (4.0)	107 (4.2)	107 (5.4)	92 (5.7)	61 (6.6)
Total	2728 (100)	3052 (100)	2519 (100)	1979 (100)	1627 (100)	926 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

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Table 3. AIDS Cases by Transmission Category and Race/Ethnicity, San Francisco, 1981-1996

Transmission Category (1)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/Pacific Islander No. (%)	Native American No. (%)
Adult/Adolescent					
Gay or bisexual male	15512 (85.8)	1417 (53.7)	1875 (78.2)	496 (80.5)	63 (58.9)
Injection drug user (IDU)	576 (3.2)	723 (27.4)	197 (8.2)	28 (4.5)	15 (14.0)
Gay or bisexual male IDU	1667 (9.2)	305 (11.6)	185 (7.7)	24 (3.9)	24 (22.4)
Lesbian or bisexual IDU	11 (0.1)	10 (0.4)	2 (0.1)	1 (0.2)	1 (0.9)
Hemophiliac	24 (0.1)	3 (0.1)	8 (0.3)	4 (0.6)	0 (0.0)
Heterosexual (2)	113 (0.6)	85 (3.2)	48 (2.0)	17 (2.8)	2 (1.9)
Transfusion recipient	106 (0.6)	28 (1.1)	31 (1.3)	29 (4.7)	0 (0.0)
None of the above/Other (3)	55 (0.3)	54 (2.0)	47 (2.0)	13 (2.1)	2 (1.9)
Pediatric (0-12 years) (4)	17 (0.1)	14 (0.5)	5 (0.2)	4 (0.6)	0 (0.0)
Total	18081 (100)	2639 (100)	2398 (100)	616 (100)	107 (100)

Table 4. AIDS Cases by Transmission Category and Asian/Pacific Islander Ethnicity, San Francisco, 1981-1996

Transmission Category (1)	Chinese No. (%)	Japanese No. (%)	Filipino No. (%)	Southeast Asian No. (%)	Korean No. (%)	Pacific Islander No. (%)	Other No. (%)
Adult/Adolescent							
Gay or bisexual male	137 (80.6)	74 (87.1)	185 (82.2)	35 (79.5)	7 (70.0)	29 (60.4)	29 (85.3)
Injection drug user (IDU)	6 (3.5)	1 (1.2)	6 (2.7)	5 (11.4)	2 (20.0)	6 (12.5)	2 (5.9)
Gay or bisexual male IDU	1 (0.6)	4 (4.7)	11 (4.9)	2 (4.5)	0 (0.0)	4 (8.3)	2 (5.9)
Lesbian or bisexual IDU	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (2.1)	0 (0.0)
Hemophiliac	1 (0.6)	1 (1.2)	1 (0.4)	0 (0.0)	0 (0.0)	1 (2.1)	0 (0.0)
Heterosexual (2)	2 (1.2)	2 (2.4)	8 (3.6)	1 (2.3)	1 (10.0)	3 (6.3)	0 (0.0)
Transfusion recipient	14 (8.2)	3 (3.5)	10 (4.4)	1 (2.3)	0 (0.0)	1 (2.1)	0 (0.0)
None of the above/Other (3)	7 (4.1)	0 (0.0)	3 (1.3)	0 (0.0)	0 (0.0)	2 (4.2)	1 (2.9)
Pediatric (0-12 years) (4)	2 (1.2)	0 (0.0)	1 (0.4)	0 (0.0)	0 (0.0)	1 (2.1)	0 (0.0)
Total	170 (100)	85 (100)	225 (100)	44 (100)	10 (100)	48 (100)	34 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

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Table 5. AIDS Cases by Transmission Category and Year of Diagnosis, San Francisco, 1981-1996

Transmission Category (1)	Year of Diagnosis					
	< 1986 No. (%)	1986 No. (%)	1987 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)
Adult/Adolescent						
Gay or bisexual male	1679 (82.2)	1174 (84.3)	1453 (85.3)	1505 (85.3)	1659 (84.6)	1816 (84.7)
Injection drug user (IDU)	20 (1.0)	26 (1.9)	36 (2.1)	62 (3.5)	97 (4.9)	112 (5.2)
Gay or bisexual male IDU	305 (14.9)	164 (11.8)	171 (10.0)	156 (8.8)	143 (7.3)	162 (7.6)
Lesbian or bisexual IDU	1 (0.0)	0 (0.0)	1 (0.1)	0 (0.0)	2 (0.1)	3 (0.1)
Hemophiliac	3 (0.1)	2 (0.1)	4 (0.2)	3 (0.2)	4 (0.2)	2 (0.1)
Heterosexual (2)	6 (0.3)	6 (0.4)	7 (0.4)	11 (0.6)	17 (0.9)	25 (1.2)
Transfusion recipient	17 (0.8)	16 (1.1)	16 (0.9)	23 (1.3)	25 (1.3)	11 (0.5)
None of the above/Other (3)	6 (0.3)	2 (0.1)	8 (0.5)	3 (0.2)	7 (0.4)	11 (0.5)
Pediatric (0-12 years) (4)	5 (0.2)	3 (0.2)	8 (0.5)	2 (0.1)	7 (0.4)	3 (0.1)
Total	2042 (100)	1393 (100)	1704 (100)	1765 (100)	1961 (100)	2145 (100)

Transmission Category (1)	Year of Diagnosis					
	1991 No. (%)	1992 No. (%)	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)
Adult/Adolescent						
Gay or bisexual male	2228 (81.7)	2442 (80.0)	1999 (79.4)	1509 (76.3)	1231 (75.7)	668 (72.1)
Injection drug user (IDU)	193 (7.1)	268 (8.8)	210 (8.3)	200 (10.1)	188 (11.6)	127 (13.7)
Gay or bisexual male IDU	229 (8.4)	243 (8.0)	223 (8.9)	187 (9.4)	137 (8.4)	85 (9.2)
Lesbian or bisexual IDU	2 (0.1)	4 (0.1)	5 (0.2)	3 (0.2)	4 (0.2)	0 (0.0)
Hemophiliac	3 (0.1)	7 (0.2)	2 (0.1)	4 (0.2)	4 (0.2)	1 (0.1)
Heterosexual (2)	24 (0.9)	48 (1.6)	39 (1.5)	32 (1.6)	31 (1.9)	19 (2.1)
Transfusion recipient	25 (0.9)	17 (0.6)	19 (0.8)	14 (0.7)	7 (0.4)	4 (0.4)
None of the above/Other (3)	19 (0.7)	21 (0.7)	19 (0.8)	28 (1.4)	25 (1.5)	22 (2.4)
Pediatric (0-12 years) (4)	5 (0.2)	2 (0.1)	3 (0.1)	2 (0.1)	0 (0.0)	0 (0.0)
Total	2728 (100)	3052 (100)	2519 (100)	1979 (100)	1627 (100)	926 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

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Table 6. AIDS Cases by Gender, Age Group and Race/Ethnicity, San Francisco, 1981-1996

Male						
Age (years)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/Pacific Islander No. (%)	Native American No. (%)	Total No. (%)
0 - 12	11 (0.1)	3 (0.1)	4 (0.2)	3 (0.5)	0 (0.0)	21 (0.1)
13 - 19	10 (0.1)	1 (0.0)	10 (0.4)	2 (0.3)	1 (1.0)	24 (0.1)
20 - 24	269 (1.5)	52 (2.2)	69 (3.0)	15 (2.6)	1 (1.0)	406 (1.8)
25 - 29	1603 (9.0)	232 (10.0)	344 (14.9)	69 (12.1)	17 (17.5)	2265 (9.8)
30 - 39	8175 (46.0)	1039 (44.9)	1130 (49.1)	256 (44.8)	54 (55.7)	10654 (46.2)
40 - 49	5698 (32.0)	694 (30.0)	547 (23.8)	165 (28.8)	18 (18.6)	7122 (30.9)
50 - 59	1602 (9.0)	224 (9.7)	158 (6.9)	45 (7.9)	6 (6.2)	2035 (8.8)
60 +	421 (2.4)	68 (2.9)	41 (1.8)	17 (3.0)	0 (0.0)	547 (2.4)
<hr/>						
Male subtotal	17789 (100)	2313 (100)	2303 (100)	572 (100)	97 (100)	23074 (100)
<hr/>						
Female						
Age (years)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/Pacific Islander No. (%)	Native American No. (%)	Total No. (%)
0 - 12	6 (2.1)	11 (3.4)	1 (1.1)	1 (2.3)	0 (0.0)	19 (2.5)
13 - 19	1 (0.3)	0 (0.0)	1 (1.1)	0 (0.0)	0 (0.0)	2 (0.3)
20 - 24	12 (4.1)	7 (2.1)	4 (4.2)	0 (0.0)	1 (10.0)	24 (3.1)
25 - 29	43 (14.7)	30 (9.2)	15 (15.8)	4 (9.1)	0 (0.0)	92 (12.0)
30 - 39	121 (41.4)	137 (42.0)	38 (40.0)	17 (38.6)	7 (70.0)	320 (41.7)
40 - 49	61 (20.9)	104 (31.9)	23 (24.2)	16 (36.4)	2 (20.0)	206 (26.9)
50 - 59	18 (6.2)	21 (6.4)	8 (8.4)	3 (6.8)	0 (0.0)	50 (6.5)
60 +	30 (10.3)	16 (4.9)	5 (5.3)	3 (6.8)	0 (0.0)	54 (7.0)
<hr/>						
Female subtotal	292 (100)	326 (100)	95 (100)	44 (100)	10 (100)	767 (100)
<hr/>						
Total	18081	2639	2398	616	107	23841

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Table 7. AIDS Cases by Race/Ethnicity and Year of Diagnosis, San Francisco, 1981-1996

Race/Ethnicity	Year of Diagnosis					
	< 1986 No. (%)	1986 No. (%)	1987 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)
White	1747 (85.6)	1161 (83.3)	1366 (80.2)	1406 (79.7)	1547 (78.9)	1666 (77.7)
African American	118 (5.8)	89 (6.4)	143 (8.4)	160 (9.1)	189 (9.6)	220 (10.3)
Latino	151 (7.4)	113 (8.1)	143 (8.4)	165 (9.3)	170 (8.7)	186 (8.7)
Asian/Pacific Islander	24 (1.2)	24 (1.7)	48 (2.8)	31 (1.8)	48 (2.4)	60 (2.8)
Native American	2 (0.1)	6 (0.4)	4 (0.2)	3 (0.2)	7 (0.4)	13 (0.6)
Total	2042 (100)	1393 (100)	1704 (100)	1765 (100)	1961 (100)	2145 (100)

Race/Ethnicity	Year of Diagnosis					
	1991 No. (%)	1992 No. (%)	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)
White	2047 (75.0)	2228 (73.0)	1813 (72.0)	1386 (70.0)	1121 (68.9)	593 (64.0)
African American	320 (11.7)	368 (12.1)	337 (13.4)	282 (14.2)	244 (15.0)	169 (18.3)
Latino	291 (10.7)	359 (11.8)	255 (10.1)	238 (12.0)	204 (12.5)	123 (13.3)
Asian/Pacific Islander	65 (2.4)	72 (2.4)	100 (4.0)	57 (2.9)	50 (3.1)	37 (4.0)
Native American	5 (0.2)	25 (0.8)	14 (0.6)	16 (0.8)	8 (0.5)	4 (0.4)
Total	2728 (100)	3052 (100)	2519 (100)	1979 (100)	1627 (100)	926 (100)

Table 8. AIDS Cases and Cumulative Rates per 100,000 by Race/Ethnicity and Gender, San Francisco (1)

Race/Ethnicity	Male		Female		Total	
	No.	(Rate)	No.	(Rate)	No.	(Rate)
White	15925	(9202.4)	239	(145.7)	16164	(4794.8)
African American	2087	(5598.9)	296	(757.7)	2383	(3121.4)
Latino	2104	(4100.3)	83	(168.0)	2187	(2171.4)
Asian/Pacific Islander	505	(511.5)	33	(30.9)	538	(261.6)
Native American	91	(6623.0)	9	(713.7)	100	(3795.1)
Total	20712	(5713.7)	660	(182.6)	21372	(2952.1)

(1) Includes only San Francisco residents. This excludes persons diagnosed in SF who resided in other jurisdictions at the time of their AIDS diagnosis. Because of this exclusion, case numbers in this table are different from those in the other tables included in this report.

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Table 9. AIDS Cases and Case-Fatality Rates by Year of Diagnosis

Year of Diagnosis	Number of Cases	Number of Known Deaths	Case-Fatality Rate (1)
1980	4	3	75.0 %
1981	30	28	93.3 %
1982	116	116	100.0 %
1983	318	307	96.5 %
1984	620	606	97.7 %
1985	954	935	98.0 %
1986	1393	1350	96.9 %
1987	1704	1629	95.6 %
1988	1765	1651	93.5 %
1989	1961	1763	89.9 %
1990	2145	1834	85.5 %
1991	2728	2179	79.9 %
1992	3052	2113	69.2 %
1993	2519	1206	47.9 %
1994	1979	602	30.4 %
1995	1627	231	14.2 %
1996	926	51	5.5 %
Total	23841	16604	69.6 %

(1) Case-fatality rate is the number of deaths that have occurred among cases diagnosed each year (regardless of the year of death), divided by the number of total cases diagnosed each year, multiplied by 100.

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Table 10. Cases by Initial AIDS-Defining Condition, San Francisco, 1981-1996

Initial AIDS-Defining Condition	Def.(1) No.	Pres.(2) No.	Total No. (%)
Bacterial infections, recurrent, < 13 years [HIV+(3)]	4	N/A(4)	4 (0.0)
Candidiasis of esophagus, bronchi, trachea, or lungs	339	220	559 (2.3)
Cervical cancer, invasive [HIV+]	1	N/A	1 (0.0)
Coccidioidomycosis, disseminated or extrapulmonary [HIV+]	11	N/A	11 (0.0)
Cryptococcosis, extrapulmonary	460	N/A	460 (1.9)
Cryptosporidiosis, intestinal (> 1 mo. duration)	378	N/A	378 (1.6)
Cytomegalovirus (except liver, spleen, lymph nodes), > 1 month of age	253	N/A	253 (1.1)
CMV retinitis with loss of vision [HIV+]	0	172	172 (0.7)
HIV encephalopathy [HIV+]	471	N/A	471 (2.0)
Herpes simplex: chronic (> 1 mo. duration), bronchitis, pneumonitis, esophagitis	117	N/A	117 (0.5)
Histoplasmosis, disseminated or extrapulmonary [HIV+]	30	N/A	30 (0.1)
Isosporiasis, intestinal (> 1 mo. duration) [HIV+]	25	N/A	25 (0.1)
Kaposi's sarcoma (5)	2973	254	3227 (13.5)
Lymphoid interstitial pneumonia/pulmonary lymphoid hyperplasia, < 13 years	7	0	7 (0.0)
Lymphoma, Non-Hodgkin's [HIV+]	546	N/A	546 (2.3)
Lymphoma, primary in brain (5)	52	N/A	52 (0.2)
Mycobacterium avium complex or M. kansasii, disseminated or extrapulmonary	366	0	366 (1.5)
Mycobacterium tuberculosis, pulmonary [HIV+]	137	18	155 (0.7)
Mycobacterium tuberculosis, disseminated or extrapulmonary [HIV+]	160	0	160 (0.7)
Mycobacterium other species, disseminated or extrapulmonary [HIV+]	18	24	42 (0.2)
Pneumocystis carinii pneumonia	5848	655	6503 (27.3)
Pneumonia, recurrent [HIV+]	107	10	117 (0.5)
Progressive multifocal leukoencephalopathy	57	N/A	57 (0.2)
Salmonella sepsis, recurrent [HIV+]	6	N/A	6 (0.0)
Toxoplasmosis of brain, > 1 month of age	40	254	294 (1.2)
Wasting syndrome [HIV+]	770	N/A	770 (3.2)
CD4 T lymphocyte count < 200 or percent < 14 [HIV+]	9053	N/A	9053 (38.0)
Any AIDS indicator condition and HIV-negative and CD4 count < 400 (6)	5	N/A	5 (0.0)
Total	22234	1607	23841 (100)

(1) Indicator conditions diagnosed definitively (e.g. culture or biopsy proven).

(2) Indicator conditions diagnosed presumptively in a person who has laboratory evidence of HIV infection.

(3) [HIV+]: Indicator conditions that require laboratory evidence of HIV infection.

(4) N/A: Conditions which require definitive diagnoses only.

(5) Laboratory evidence of HIV infection in persons > 60 years of age.

(6) In the absence of other causes of immunocompromise.

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Table 11. Cumulative AIDS Indicator Conditions among Persons with AIDS, San Francisco, 1981-1996

AIDS Indicator Condition (1)	Total No. (%)
Bacterial infections, recurrent, < 13 years [HIV+(2)]	2 (0.0)
Candidiasis of esophagus, bronchi, trachea, or lungs	1430 (6.0)
Cervical cancer, invasive [HIV+]	4 (0.0)
Coccidioidomycosis, disseminated or extrapulmonary [HIV+]	38 (0.2)
Cryptococcosis, extrapulmonary	1530 (6.4)
Cryptosporidiosis, intestinal (> 1 mo. duration)	1175 (4.9)
Cytomegalovirus (except liver, spleen, lymph nodes), > 1 month of age	1998 (8.4)
CMV retinitis with loss of vision [HIV+]	1754 (7.4)
HIV encephalopathy [HIV+]	1786 (7.5)
Herpes simplex: chronic (> 1 mo. duration), bronchitis, pneumonitis, esophagitis	339 (1.4)
Histoplasmosis, disseminated or extrapulmonary [HIV+]	132 (0.6)
Isosporiasis, intestinal (> 1 mo. duration) [HIV+]	61 (0.3)
Kaposi's sarcoma (3)	6115 (25.6)
Lymphoid interstitial pneumonia/pulmonary lymphoid hyperplasia, < 13 years	6 (0.0)
Lymphoma, Non-Hodgkin's [HIV+]	1376 (5.8)
Lymphoma, primary in brain (3)	322 (1.4)
Mycobacterium avium complex or M. kansasii, disseminated or extrapulmonary	4664 (19.6)
Mycobacterium tuberculosis, pulmonary [HIV+]	412 (1.7)
Mycobacterium tuberculosis, disseminated or extrapulmonary [HIV+]	400 (1.7)
Mycobacterium other species, disseminated or extrapulmonary [HIV+]	273 (1.1)
Pneumocystis carinii pneumonia	10091 (42.3)
Pneumonia, recurrent [HIV+]	203 (0.9)
Progressive multifocal leukoencephalopathy	233 (1.0)
Salmonella sepsis, recurrent [HIV+]	49 (0.2)
Toxoplasmosis of brain, > 1 month of age	1035 (4.3)
Wasting syndrome [HIV+]	2827 (11.9)

(1) Cases may have more than one condition.

(2) [HIV+]: Indicator conditions that require laboratory evidence of HIV infection.

(3) Laboratory evidence of HIV infection in persons > 60 years of age.

AIDS SURVEILLANCE REPORT

San Francisco Department of Public Health AIDS Office

AIDS Cases Reported Through March 1997

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AIDS REPORTED CASES (From 07/81 to 03/31/97)¹

San Francisco

Cumulative cases:	24,053
Cumulative deaths:	16,718
Cases reported this quarter:	273
Deaths reported this quarter:	138

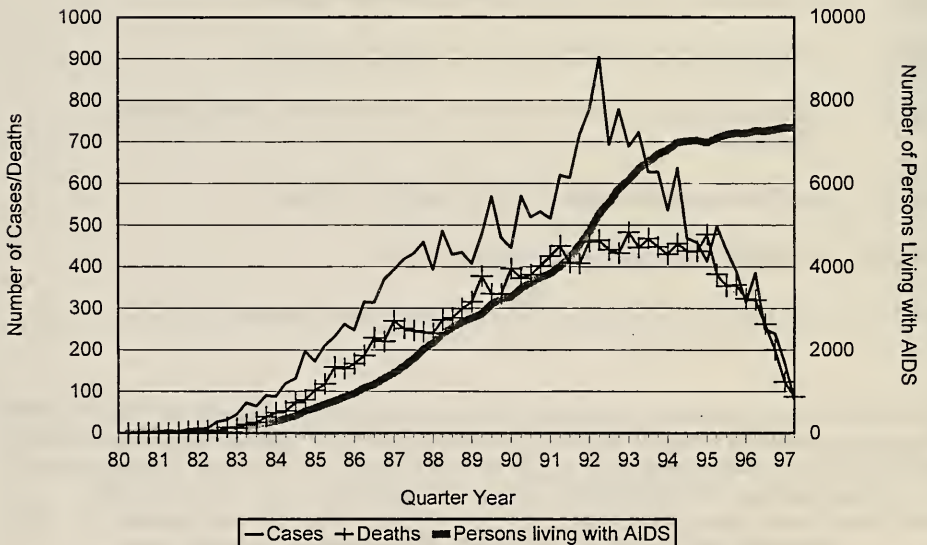
California (as of 03/31/97)

Cumulative cases:	99,908
Cumulative deaths:	64,137

United States (as of 6/30/96)

Cumulative cases:	548,102
Cumulative deaths:	343,000

San Francisco AIDS Incidence, Mortality, and Prevalence by Quarter Year, 1980-1997²



1. Includes SF residents diagnosed in SF, SF residents diagnosed in other jurisdictions, and persons diagnosed in SF who resided in other jurisdictions at the time of their AIDS diagnosis.
2. Reporting for recent quarters is incomplete.

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Table 1. AIDS Cases by Transmission Category and Gender, San Francisco, 1981-1997

Transmission Category (1)	Male		Female		Total	
	No.	(%)	No.	(%)	No.	(%)
Adult/Adolescent						
Gay or bisexual male	19467	(83.7)	0	(0.0)	19467	(80.9)
Injection drug user (IDU)	1153	(5.0)	415	(53.1)	1568	(6.5)
Gay or bisexual male IDU	2290	(9.8)	1	(0.1)	2291	(9.5)
Lesbian or bisexual IDU	0	(0.0)	25	(3.2)	25	(0.1)
Hemophiliac	39	(0.2)	1	(0.1)	40	(0.2)
Heterosexual (2)	58	(0.2)	212	(27.1)	270	(1.1)
Transfusion recipient	112	(0.5)	81	(10.4)	193	(0.8)
None of the above/Other (3)	130	(0.6)	28	(3.6)	158	(0.7)
Pediatric (0-12 years) (4)	22	(0.1)	19	(2.4)	41	(0.2)
Total	23271	(100)	782	(100)	24053	(100)

Table 2. AIDS Cases by Gender and Year of Diagnosis, San Francisco, 1981-1997

Gender	Year of Diagnosis					
	< 1987 No. (%)	1987 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)	1991 No. (%)
Male	3404 (99.1)	1685 (98.9)	1721 (97.8)	1902 (96.9)	2085 (97.5)	2653 (97.2)
Female	30 (0.9)	19 (1.1)	38 (2.2)	60 (3.1)	54 (2.5)	76 (2.8)
Total	3434 (100)	1704 (100)	1759 (100)	1962 (100)	2139 (100)	2729 (100)

Gender	Year of Diagnosis					
	1992 No. (%)	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)	1997 No. (%)
Male	2940 (96.0)	2410 (95.8)	1869 (94.5)	1552 (94.3)	972 (93.2)	78 (95.1)
Female	124 (4.0)	105 (4.2)	108 (5.5)	93 (5.7)	71 (6.8)	4 (4.9)
Total	3064 (100)	2515 (100)	1977 (100)	1645 (100)	1043 (100)	82 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

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Table 3. AIDS Cases by Transmission Category and Race/Ethnicity, San Francisco, 1981-1997

Transmission Category (1)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/Pacific Islander No. (%)	Native American No. (%)
Adult/Adolescent					
Gay or bisexual male	15560 (85.5)	1432 (53.3)	1907 (78.3)	506 (80.4)	62 (56.9)
Injection drug user (IDU)	581 (3.2)	743 (27.7)	200 (8.2)	28 (4.5)	16 (14.7)
Gay or bisexual male IDU	1725 (9.5)	322 (12.0)	192 (7.9)	26 (4.1)	26 (23.9)
Lesbian or bisexual IDU	11 (0.1)	10 (0.4)	2 (0.1)	1 (0.2)	1 (0.9)
Hemophiliac	25 (0.1)	3 (0.1)	8 (0.3)	4 (0.6)	0 (0.0)
Heterosexual (2)	114 (0.6)	87 (3.2)	49 (2.0)	18 (2.9)	2 (1.8)
Transfusion recipient	105 (0.6)	28 (1.0)	31 (1.3)	29 (4.6)	0 (0.0)
None of the above/Other (3)	57 (0.3)	46 (1.7)	40 (1.6)	13 (2.1)	2 (1.8)
Pediatric (0-12 years) (4)	17 (0.1)	14 (0.5)	6 (0.2)	4 (0.6)	0 (0.0)
Total	18195 (100)	2685 (100)	2435 (100)	629 (100)	109 (100)

Table 4. AIDS Cases by Transmission Category and Asian/Pacific Islander Ethnicity, San Francisco, 1981-1997

Transmission Category (1)	Chinese No. (%)	Japanese No. (%)	Filipino No. (%)	Southeast Asian No. (%)	Korean No. (%)	Pacific Islander No. (%)	Other No. (%)
Adult/Adolescent							
Gay or bisexual male	138 (81.2)	75 (87.2)	188 (82.1)	36 (81.8)	7 (70.0)	32 (60.4)	30 (81.1)
Injection drug user (IDU)	6 (3.5)	1 (1.2)	6 (2.6)	4 (9.1)	2 (20.0)	7 (13.2)	2 (5.4)
Gay or bisexual male IDU	1 (0.6)	4 (4.7)	12 (5.2)	2 (4.5)	0 (0.0)	4 (7.5)	3 (8.1)
Lesbian or bisexual IDU	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (1.9)	0 (0.0)
Hemophiliac	1 (0.6)	1 (1.2)	1 (0.4)	0 (0.0)	0 (0.0)	1 (1.9)	0 (0.0)
Heterosexual (2)	2 (1.2)	2 (2.3)	8 (3.5)	1 (2.3)	1 (10.0)	4 (7.5)	0 (0.0)
Transfusion recipient	14 (8.2)	3 (3.5)	10 (4.4)	1 (2.3)	0 (0.0)	1 (1.9)	0 (0.0)
None of the above/Other (3)	6 (3.5)	0 (0.0)	3 (1.3)	0 (0.0)	0 (0.0)	2 (3.8)	2 (5.4)
Pediatric (0-12 years) (4)	2 (1.2)	0 (0.0)	1 (0.4)	0 (0.0)	0 (0.0)	1 (1.9)	0 (0.0)
Total	170 (100)	86 (100)	229 (100)	44 (100)	10 (100)	53 (100)	37 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

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Table 5. AIDS Cases by Transmission Category and Year of Diagnosis, San Francisco, 1981-1997

Transmission Category (1)	Year of Diagnosis					
	< 1987 No. (%)	1987 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)	1991 No. (%)
Adult/Adolescent						
Gay or bisexual male	2851 (83.0)	1454 (85.3)	1500 (85.3)	1656 (84.4)	1812 (84.7)	2229 (81.7)
Injection drug user (IDU)	46 (1.3)	36 (2.1)	62 (3.5)	97 (4.9)	112 (5.2)	193 (7.1)
Gay or bisexual male IDU	469 (13.7)	171 (10.0)	155 (8.8)	147 (7.5)	160 (7.5)	229 (8.4)
Lesbian or bisexual IDU	1 (0.0)	1 (0.1)	0 (0.0)	2 (0.1)	3 (0.1)	2 (0.1)
Hemophiliac	5 (0.1)	4 (0.2)	3 (0.2)	4 (0.2)	2 (0.1)	3 (0.1)
Heterosexual (2)	12 (0.3)	7 (0.4)	11 (0.6)	17 (0.9)	25 (1.2)	24 (0.9)
Transfusion recipient	34 (1.0)	16 (0.9)	23 (1.3)	25 (1.3)	11 (0.5)	25 (0.9)
None of the above/Other (3)	8 (0.2)	7 (0.4)	3 (0.2)	7 (0.4)	11 (0.5)	19 (0.7)
Pediatric (0-12 years) (4)	8 (0.2)	8 (0.5)	2 (0.1)	7 (0.4)	3 (0.1)	5 (0.2)
Total	3434 (100)	1704 (100)	1759 (100)	1962 (100)	2139 (100)	2729 (100)

Transmission Category (1)	Year of Diagnosis					
	1992 No. (%)	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)	1997 No. (%)
Adult/Adolescent						
Gay or bisexual male	2453 (80.1)	1971 (78.4)	1498 (75.8)	1236 (75.1)	746 (71.5)	61 (74.4)
Injection drug user (IDU)	268 (8.7)	207 (8.2)	198 (10.0)	189 (11.5)	147 (14.1)	13 (15.9)
Gay or bisexual male IDU	244 (8.0)	255 (10.1)	207 (10.5)	152 (9.2)	97 (9.3)	5 (6.1)
Lesbian or bisexual IDU	5 (0.2)	4 (0.2)	3 (0.2)	4 (0.2)	0 (0.0)	0 (0.0)
Hemophiliac	7 (0.2)	2 (0.1)	4 (0.2)	5 (0.3)	1 (0.1)	0 (0.0)
Heterosexual (2)	48 (1.6)	40 (1.6)	34 (1.7)	31 (1.9)	20 (1.9)	1 (1.2)
Transfusion recipient	17 (0.6)	18 (0.7)	14 (0.7)	7 (0.4)	3 (0.3)	0 (0.0)
None of the above/Other (3)	20 (0.7)	15 (0.6)	16 (0.8)	21 (1.3)	29 (2.8)	2 (2.4)
Pediatric (0-12 years) (4)	2 (0.1)	3 (0.1)	3 (0.2)	0 (0.0)	0 (0.0)	0 (0.0)
Total	3064 (100)	2515 (100)	1977 (100)	1645 (100)	1043 (100)	82 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

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Table 6. AIDS Cases by Gender, Age Group and Race/Ethnicity, San Francisco, 1981-1997

Male						
Age (years)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/Pacific Islander No. (%)	Native American No. (%)	Total No. (%)
0 - 12	11 (0.1)	3 (0.1)	5 (0.2)	3 (0.5)	0 (0.0)	22 (0.1)
13 - 19	10 (0.1)	1 (0.0)	11 (0.5)	2 (0.3)	1 (1.0)	25 (0.1)
20 - 24	271 (1.5)	52 (2.2)	73 (3.1)	16 (2.7)	1 (1.0)	413 (1.8)
25 - 29	1613 (9.0)	236 (10.0)	346 (14.8)	69 (11.8)	17 (17.2)	2281 (9.8)
30 - 39	8216 (45.9)	1057 (45.0)	1144 (48.9)	262 (44.8)	56 (56.6)	10735 (46.1)
40 - 49	5741 (32.1)	704 (30.0)	556 (23.8)	169 (28.9)	18 (18.2)	7188 (30.9)
50 - 59	1615 (9.0)	229 (9.7)	161 (6.9)	46 (7.9)	6 (6.1)	2057 (8.8)
60 +	422 (2.4)	68 (2.9)	42 (1.8)	18 (3.1)	0 (0.0)	550 (2.4)
Male subtotal	17899 (100)	2350 (100)	2338 (100)	585 (100)	99 (100)	23271 (100)
Female						
Age (years)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/Pacific Islander No. (%)	Native American No. (%)	Total No. (%)
0 - 12	6 (2.0)	11 (3.3)	1 (1.0)	1 (2.3)	0 (0.0)	19 (2.4)
13 - 19	1 (0.3)	1 (0.3)	1 (1.0)	0 (0.0)	0 (0.0)	3 (0.4)
20 - 24	12 (4.1)	8 (2.4)	4 (4.1)	0 (0.0)	1 (10.0)	25 (3.2)
25 - 29	43 (14.5)	32 (9.6)	15 (15.5)	5 (11.4)	0 (0.0)	95 (12.1)
30 - 39	125 (42.2)	139 (41.5)	39 (40.2)	17 (38.6)	7 (70.0)	327 (41.8)
40 - 49	61 (20.6)	107 (31.9)	24 (24.7)	15 (34.1)	2 (20.0)	209 (26.7)
50 - 59	18 (6.1)	21 (6.3)	8 (8.2)	3 (6.8)	0 (0.0)	50 (6.4)
60 +	30 (10.1)	16 (4.8)	5 (5.2)	3 (6.8)	0 (0.0)	54 (6.9)
Female subtotal	296 (100)	335 (100)	97 (100)	44 (100)	10 (100)	782 (100)
Total	18195	2685	2435	629	109	24053

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Table 7. AIDS Cases by Race/Ethnicity and Year of Diagnosis, San Francisco, 1981-1997

Race/Ethnicity	Year of Diagnosis					
	< 1987 No. (%)	1987 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)	1991 No. (%)
White	2908 (84.7)	1367 (80.2)	1401 (79.6)	1548 (78.9)	1662 (77.7)	2046 (75.0)
African American	206 (6.0)	142 (8.3)	160 (9.1)	189 (9.6)	219 (10.2)	322 (11.8)
Latino	264 (7.7)	143 (8.4)	164 (9.3)	169 (8.6)	185 (8.6)	291 (10.7)
Asian/Pacific Islander	48 (1.4)	48 (2.8)	31 (1.8)	48 (2.4)	60 (2.8)	65 (2.4)
Native American	8 (0.2)	4 (0.2)	3 (0.2)	8 (0.4)	13 (0.6)	5 (0.2)
Total	3434 (100)	1704 (100)	1759 (100)	1962 (100)	2139 (100)	2729 (100)

Race/Ethnicity	Year of Diagnosis					
	1992 No. (%)	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)	1997 No. (%)
White	2237 (73.0)	1811 (72.0)	1382 (69.9)	1130 (68.7)	652 (62.5)	51 (62.2)
African American	368 (12.0)	338 (13.4)	282 (14.3)	249 (15.1)	194 (18.6)	16 (19.5)
Latino	360 (11.7)	254 (10.1)	240 (12.1)	205 (12.5)	147 (14.1)	13 (15.9)
Asian/Pacific Islander	74 (2.4)	98 (3.9)	57 (2.9)	53 (3.2)	45 (4.3)	2 (2.4)
Native American	25 (0.8)	14 (0.6)	16 (0.8)	8 (0.5)	5 (0.5)	0 (0.0)
Total	3064 (100)	2515 (100)	1977 (100)	1645 (100)	1043 (100)	82 (100)

Table 8. AIDS Cases and Cumulative Rates per 100,000 by Race/Ethnicity and Gender, San Francisco (1)

Race/Ethnicity	Male		Female		Total	
	No.	(Rate)	No.	(Rate)	No.	(Rate)
White	16028	(9261.9)	243	(148.1)	16271	(4826.5)
African American	2121	(5690.1)	304	(778.1)	2425	(3176.5)
Latino	2136	(4162.7)	85	(172.1)	2221	(2205.2)
Asian/Pacific Islander	518	(524.6)	32	(29.9)	550	(267.4)
Native American	92	(6695.8)	9	(713.7)	101	(3833.0)
Total	20895	(5764.2)	673	(186.2)	21568	(2979.2)

(1) Includes only San Francisco residents. This excludes persons diagnosed in SF who resided in other jurisdictions at the time of their AIDS diagnosis. Because of this exclusion, case numbers in this table are different from those in the other tables included in this report.

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Table 9. AIDS Incidence, Mortality, and Prevalence by Year

Year	Number of Cases Reported per Year	Number of Cases Diagnosed per Year (1)	Number of Deaths Occurred per year (1)	Number of Persons Living with AIDS (1)
1980	0	4	0	4
1981	23	30	9	25
1982	91	116	37	104
1983	226	317	135	286
1984	499	622	309	599
1985	753	953	599	953
1986	1128	1392	905	1440
1987	1465	1704	980	2164
1988	1592	1759	1163	2760
1989	1808	1962	1442	3280
1990	1965	2139	1581	3838
1991	1960	2729	1728	4839
1992	1885	3064	1821	6082
1993	4846	2515	1792	6805
1994	2227	1977	1809	6973
1995	1858	1645	1416	7202
1996	1454	1043	905	7340
1997	273	82	87	7335
Total	24053	24053	16718	

(1) Data in recent years is incomplete due to delay in cases/deaths reporting.

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Table 10. Cases by Initial AIDS-Defining Condition, San Francisco, 1981-1997

Initial AIDS-Defining Condition	Def.(1) No.	Pres.(2) No.	Total No. (%)
Bacterial infections, recurrent, < 13 years [HIV+(3)]	2	N/A(4)	2 (0.0)
Candidiasis of esophagus, bronch*, trachea, or lungs	342	225	567 (2.4)
Cervical cancer, invasive [HIV+]	1	N/A	1 (0.0)
Coccidioidomycosis, disseminated or extrapulmonary [HIV+]	11	N/A	11 (0.0)
Cryptococcosis, extrapulmonary	461	N/A	461 (1.9)
Cryptosporidiosis, intestinal (> 1 mo. duration)	377	N/A	377 (1.6)
Cytomegalovirus (except liver, spleen, lymph nodes), > 1 month of age	252	N/A	252 (1.0)
CMV retinitis with loss of vision [HIV+]	0	174	174 (0.7)
HIV encephalopathy [HIV+]	471	N/A	471 (2.0)
Herpes simplex: chronic (> 1 mo. duration), bronchitis, pneumonitis, esophagitis	115	N/A	115 (0.5)
Histoplasmosis, disseminated or extrapulmonary [HIV+]	31	N/A	31 (0.1)
Isosporiasis, intestinal (> 1 mo. duration) [HIV+]	25	N/A	25 (0.1)
Kaposi's sarcoma (5)	2972	264	3236 (13.5)
Lymphoid interstitial pneumonia/pulmonary lymphoid hyperplasia, < 13 years	6	0	6 (0.0)
Lymphoma, Non-Hodgkin's [HIV+]	554	N/A	554 (2.3)
Lymphoma, primary in brain (5)	52	N/A	52 (0.2)
Mycobacterium avium complex or M. kansasii, disseminated or extrapulmonary	367	0	367 (1.5)
Mycobacterium tuberculosis, pulmonary [HIV+]	145	11	156 (0.6)
Mycobacterium tuberculosis, disseminated or extrapulmonary [HIV+]	165	0	165 (0.7)
Mycobacterium other species, disseminated or extrapulmonary [HIV+]	18	20	38 (0.2)
Pneumocystis carinii pneumonia	5853	661	6514 (27.1)
Pneumonia, recurrent [HIV+]	111	10	121 (0.5)
Progressive multifocal leukoencephalopathy	57	N/A	57 (0.2)
Salmonella sepsis, recurrent [HIV+]	7	N/A	7 (0.0)
Toxoplasmosis of brain, > 1 month of age	41	255	296 (1.2)
Wasting syndrome [HIV+]	776	N/A	776 (3.2)
CD4 T lymphocyte count < 200 or percent < 14 [HIV+]	9216	N/A	9216 (38.3)
Any AIDS indicator condition and HIV-negative and CD4 count < 400 (6)	5	N/A	5 (0.0)
Total	22433	1620	24053 (100)

(1) Indicator conditions diagnosed definitively (e.g. culture or biopsy proven).

(2) Indicator conditions diagnosed presumptively in a person who has laboratory evidence of HIV infection.

(3) [HIV+]: Indicator conditions that require laboratory evidence of HIV infection.

(4) N/A: Conditions which require definitive diagnoses only.

(5) Laboratory evidence of HIV infection in persons > 60 years of age.

(6) In the absence of other causes of immunocompromise.

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Table 11. Cumulative AIDS Indicator Conditions among Persons with AIDS, San Francisco, 1981-1997

AIDS Indicator Condition (1)	Total No. (%)
Bacterial infections, recurrent, < 13 years [HIV+(2)]	2 (0.0)
Candidiasis of esophagus, bronchi, trachea, or lungs	1445 (6.0)
Cervical cancer, invasive [HIV+]	4 (0.0)
Coccidioidomycosis, disseminated or extrapulmonary [HIV+]	38 (0.2)
Cryptococcosis, extrapulmonary	1541 (6.4)
Cryptosporidiosis, intestinal (> 1 mo. duration)	1182 (4.9)
Cytomegalovirus (except liver, spleen, lymph nodes), > 1 month of age	2015 (8.4)
CMV retinitis with loss of vision [HIV+]	1765 (7.3)
HIV encephalopathy [HIV+]	1795 (7.5)
Herpes simplex: chronic (> 1 mo. duration), bronchitis, pneumonitis, esophagitis	326 (1.4)
Histoplasmosis, disseminated or extrapulmonary [HIV+]	133 (0.6)
Isosporiasis, intestinal (> 1 mo. duration) [HIV+]	61 (0.3)
Kaposi's sarcoma (3)	6138 (25.5)
Lymphoid interstitial pneumonia/pulmonary lymphoid hyperplasia, < 13 years	6 (0.0)
Lymphoma, Non-Hodgkin's [HIV+]	1391 (5.8)
Lymphoma, primary in brain (3)	328 (1.4)
Mycobacterium avium complex or M. kansasii, disseminated or extrapulmonary	4672 (19.4)
Mycobacterium tuberculosis, pulmonary [HIV+]	418 (1.7)
Mycobacterium tuberculosis, disseminated or extrapulmonary [HIV+]	398 (1.7)
Mycobacterium other species, disseminated or extrapulmonary [HIV+]	280 (1.2)
Pneumocystis carinii pneumonia	10127 (42.1)
Pneumonia, recurrent [HIV+]	214 (0.9)
Progressive multifocal leukoencephalopathy	241 (1.0)
Salmonella sepsis, recurrent [HIV+]	49 (0.2)
Toxoplasmosis of brain, > 1 month of age	1038 (4.3)
Wasting syndrome [HIV+]	2865 (11.9)

(1) Cases may have more than one condition.

(2) [HIV+]: Indicator conditions that require laboratory evidence of HIV infection.

(3) Laboratory evidence of HIV infection in persons > 60 years of age.

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SAN FRANCISCO
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AIDS REPORTED CASES (From 07/81 to 06/30/97)¹

San Francisco

Cumulative cases:	24,371
Cumulative deaths:	16,803
Cases reported this quarter:	362
Deaths reported this quarter:	92

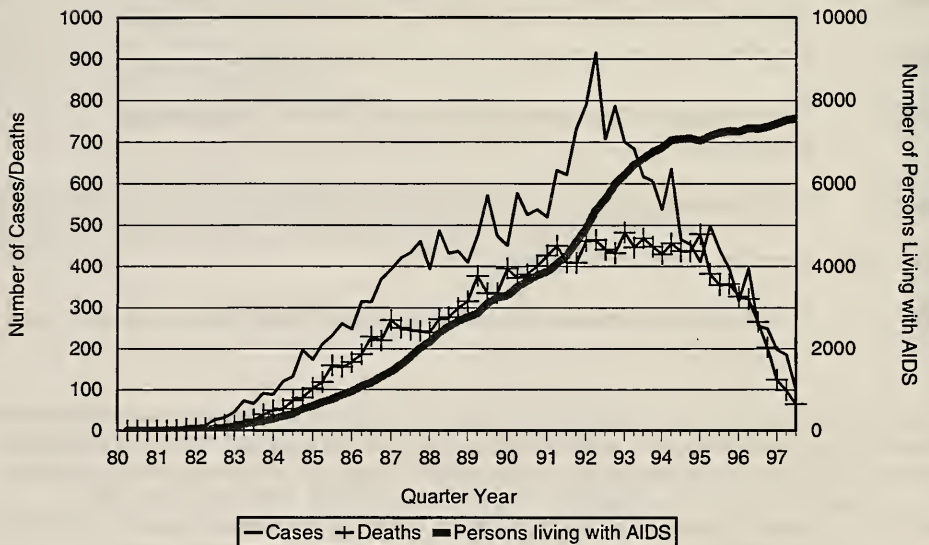
California (as of 06/30/97)

Cumulative cases:	101,379
Cumulative deaths:	64,996

United States (as of 6/30/96)

Cumulative cases:	548,102
Cumulative deaths:	343,000

San Francisco AIDS Incidence, Mortality, and Prevalence by Quarter Year, 1980-1997²



1. Includes SF residents diagnosed in SF, SF residents diagnosed in other jurisdictions, and persons diagnosed in SF who resided in other jurisdictions at the time of their AIDS diagnosis.

2. Reporting for recent quarters is incomplete.

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Table 1. AIDS Cases by Transmission Category and Gender, San Francisco, 1981-1997

Transmission Category (1)	Male		Female		Total	
	No.	(%)	No.	(%)	No.	(%)
Adult/Adolescent						
Gay or bisexual male	19715	(83.6)	0	(0.0)	19715	(80.9)
Injection drug user (IDU)	1161	(4.9)	424	(52.9)	1585	(6.5)
Gay or bisexual male IDU	2331	(9.9)	0	(0.0)	2331	(9.6)
Lesbian or bisexual IDU	0	(0.0)	28	(3.5)	28	(0.1)
Hemophiliac	39	(0.2)	1	(0.1)	40	(0.2)
Heterosexual (2)	58	(0.2)	218	(27.2)	276	(1.1)
Transfusion recipient	113	(0.5)	81	(10.1)	194	(0.8)
None of the above/Other (3)	131	(0.6)	30	(3.7)	161	(0.7)
Pediatric (0-12 years) (4)	22	(0.1)	19	(2.4)	41	(0.2)
Total	23570	(100)	801	(100)	24371	(100)

Table 2. AIDS Cases by Gender and Year of Diagnosis, San Francisco, 1981-1997

Gender	Year of Diagnosis					
	< 1987 No. (%)	1987 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)	1991 No. (%)
Male	3405 (99.1)	1691 (98.9)	1728 (97.8)	1910 (97.0)	2105 (97.5)	2700 (97.3)
Female	30 (0.9)	19 (1.1)	38 (2.2)	60 (3.0)	55 (2.5)	76 (2.7)
Total	3435 (100)	1710 (100)	1766 (100)	1970 (100)	2160 (100)	2776 (100)

Gender	Year of Diagnosis					
	1992 No. (%)	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)	1997 No. (%)
Male	2984 (95.9)	2339 (95.7)	1860 (94.7)	1558 (94.5)	1024 (93.3)	266 (92.7)
Female	126 (4.1)	106 (4.3)	105 (5.3)	91 (5.5)	74 (6.7)	21 (7.3)
Total	3110 (100)	2445 (100)	1965 (100)	1649 (100)	1098 (100)	287 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

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Table 3. AIDS Cases by Transmission Category and Race/Ethnicity, San Francisco, 1981-1997

Transmission Category (1)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/Pacific Islander No. (%)	Native American No. (%)
Adult/Adolescent					
Gay or bisexual male	15764 (85.5)	1440 (53.1)	1937 (78.3)	512 (80.5)	62 (56.9)
Injection drug user (IDU)	589 (3.2)	754 (27.8)	197 (8.0)	29 (4.6)	16 (14.7)
Gay or bisexual male IDU	1752 (9.5)	327 (12.0)	201 (8.1)	25 (3.9)	26 (23.9)
Lesbian or bisexual IDU	13 (0.1)	10 (0.4)	3 (0.1)	1 (0.2)	1 (0.9)
Hemophiliac	25 (0.1)	3 (0.1)	8 (0.3)	4 (0.6)	0 (0.0)
Heterosexual (2)	117 (0.6)	88 (3.2)	50 (2.0)	19 (3.0)	2 (1.8)
Transfusion recipient	105 (0.6)	29 (1.1)	31 (1.3)	29 (4.6)	0 (0.0)
None of the above/Other (3)	56 (0.3)	49 (1.8)	41 (1.7)	13 (2.0)	2 (1.8)
Pediatric (0-12 years) (4)	17 (0.1)	14 (0.5)	6 (0.2)	4 (0.6)	0 (0.0)
Total	18438 (100)	2714 (100)	2474 (100)	636 (100)	109 (100)

Table 4. AIDS Cases by Transmission Category and Asian/Pacific Islander Ethnicity, San Francisco, 1981-1997

Transmission Category (1)	Chinese No. (%)	Japanese No. (%)	Filipino No. (%)	Southeast Asian No. (%)	Korean No. (%)	Pacific Islander No. (%)	Other No. (%)
Adult/Adolescent							
Gay or bisexual male	139 (81.3)	77 (87.5)	189 (82.2)	36 (81.8)	7 (70.0)	32 (60.4)	32 (80.0)
Injection drug user (IDU)	6 (3.5)	1 (1.1)	6 (2.6)	4 (9.1)	2 (20.0)	7 (13.2)	3 (7.5)
Gay or bisexual male IDU	1 (0.6)	4 (4.5)	11 (4.8)	2 (4.5)	0 (0.0)	4 (7.5)	3 (7.5)
Lesbian or bisexual IDU	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (1.9)	0 (0.0)
Hemophiliac	1 (0.6)	1 (1.1)	1 (0.4)	0 (0.0)	0 (0.0)	1 (1.9)	0 (0.0)
Heterosexual (2)	2 (1.2)	2 (2.3)	9 (3.9)	1 (2.3)	1 (10.0)	4 (7.5)	0 (0.0)
Transfusion recipient	14 (8.2)	3 (3.4)	10 (4.3)	1 (2.3)	0 (0.0)	1 (1.9)	0 (0.0)
None of the above/Other (3)	6 (3.5)	0 (0.0)	3 (1.3)	0 (0.0)	0 (0.0)	2 (3.8)	2 (5.0)
Pediatric (0-12 years) (4)	2 (1.2)	0 (0.0)	1 (0.4)	0 (0.0)	0 (0.0)	1 (1.9)	0 (0.0)
Total	171 (100)	88 (100)	230 (100)	44 (100)	10 (100)	53 (100)	40 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

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Table 5. AIDS Cases by Transmission Category and Year of Diagnosis, San Francisco, 1981-1997

Transmission Category (1)	Year of Diagnosis					
	< 1987 No. (%)	1987 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)	1991 No. (%)
Adult/Adolescent						
Gay or bisexual male	2852 (83.0)	1458 (85.3)	1507 (85.3)	1662 (84.4)	1831 (84.8)	2271 (81.8)
Injection drug user (IDU)	46 (1.3)	37 (2.2)	62 (3.5)	97 (4.9)	112 (5.2)	194 (7.0)
Gay or bisexual male IDU	469 (13.7)	171 (10.0)	155 (8.8)	148 (7.5)	161 (7.5)	231 (8.3)
Lesbian or bisexual IDU	1 (0.0)	1 (0.1)	0 (0.0)	2 (0.1)	3 (0.1)	2 (0.1)
Hemophiliac	5 (0.1)	5 (0.3)	3 (0.2)	4 (0.2)	2 (0.1)	3 (0.1)
Heterosexual (2)	12 (0.3)	7 (0.4)	11 (0.6)	17 (0.9)	25 (1.2)	25 (0.9)
Transfusion recipient	34 (1.0)	16 (0.9)	23 (1.3)	26 (1.3)	12 (0.6)	25 (0.9)
None of the above/Other (3)	8 (0.2)	7 (0.4)	3 (0.2)	7 (0.4)	11 (0.5)	20 (0.7)
Pediatric (0-12 years) (4)	8 (0.2)	8 (0.5)	2 (0.1)	7 (0.4)	3 (0.1)	5 (0.2)
Total	3435 (100)	1710 (100)	1766 (100)	1970 (100)	2160 (100)	2776 (100)

Transmission Category (1)	Year of Diagnosis					
	1992 No. (%)	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)	1997 No. (%)
Adult/Adolescent						
Gay or bisexual male	2487 (80.0)	1901 (77.8)	1492 (75.9)	1240 (75.2)	797 (72.6)	217 (75.6)
Injection drug user (IDU)	273 (8.8)	199 (8.1)	190 (9.7)	185 (11.2)	151 (13.8)	39 (13.6)
Gay or bisexual male IDU	250 (8.0)	263 (10.8)	210 (10.7)	157 (9.5)	98 (8.9)	18 (6.3)
Lesbian or bisexual IDU	5 (0.2)	6 (0.2)	4 (0.2)	4 (0.2)	0 (0.0)	0 (0.0)
Hemophiliac	7 (0.2)	2 (0.1)	3 (0.2)	5 (0.3)	1 (0.1)	0 (0.0)
Heterosexual (2)	49 (1.6)	40 (1.6)	32 (1.6)	31 (1.9)	21 (1.9)	6 (2.1)
Transfusion recipient	17 (0.5)	16 (0.7)	14 (0.7)	8 (0.5)	3 (0.3)	0 (0.0)
None of the above/Other (3)	20 (0.6)	15 (0.6)	17 (0.9)	19 (1.2)	27 (2.5)	7 (2.4)
Pediatric (0-12 years) (4)	2 (0.1)	3 (0.1)	3 (0.2)	0 (0.0)	0 (0.0)	0 (0.0)
Total	3110 (100)	2445 (100)	1965 (100)	1649 (100)	1098 (100)	287 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

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Table 6. AIDS Cases by Gender, Age Group and Race/Ethnicity, San Francisco, 1981-1997

Male						
Age (years)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/Pacific Islander No. (%)	Native American No. (%)	Total No. (%)
0 - 12	11 (0.1)	3 (0.1)	5 (0.2)	3 (0.5)	0 (0.0)	22 (0.1)
13 - 19	10 (0.1)	1 (0.0)	11 (0.5)	2 (0.3)	1 (1.0)	25 (0.1)
20 - 24	279 (1.5)	52 (2.2)	75 (3.2)	15 (2.5)	1 (1.0)	422 (1.8)
25 - 29	1636 (9.0)	237 (10.0)	347 (14.6)	70 (11.9)	17 (17.2)	2307 (9.8)
30 - 39	8313 (45.8)	1070 (45.1)	1165 (49.1)	265 (44.9)	55 (55.6)	10868 (46.1)
40 - 49	5821 (32.1)	707 (29.8)	564 (23.7)	171 (29.0)	19 (19.2)	7282 (30.9)
50 - 59	1635 (9.0)	231 (9.7)	165 (6.9)	46 (7.8)	6 (6.1)	2083 (8.8)
60 +	431 (2.4)	69 (2.9)	43 (1.8)	18 (3.1)	0 (0.0)	561 (2.4)
Male subtotal	18136 (100)	2370 (100)	2375 (100)	590 (100)	99 (100)	23570 (100)
Female						
Age (years)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/Pacific Islander No. (%)	Native American No. (%)	Total No. (%)
0 - 12	6 (2.0)	11 (3.2)	1 (1.0)	1 (2.2)	0 (0.0)	19 (2.4)
13 - 19	1 (0.3)	1 (0.3)	1 (1.0)	0 (0.0)	0 (0.0)	3 (0.4)
20 - 24	12 (4.0)	8 (2.3)	4 (4.0)	0 (0.0)	1 (10.0)	25 (3.1)
25 - 29	44 (14.6)	34 (9.9)	15 (15.2)	7 (15.2)	0 (0.0)	100 (12.5)
30 - 39	127 (42.1)	142 (41.3)	41 (41.4)	17 (37.0)	7 (70.0)	334 (41.7)
40 - 49	62 (20.5)	110 (32.0)	24 (24.2)	15 (32.6)	2 (20.0)	213 (26.6)
50 - 59	18 (6.0)	21 (6.1)	8 (8.1)	3 (6.5)	0 (0.0)	50 (6.2)
60 +	32 (10.6)	17 (4.9)	5 (5.1)	3 (6.5)	0 (0.0)	57 (7.1)
Female subtotal	302 (100)	344 (100)	99 (100)	46 (100)	10 (100)	801 (100)
Total	18438	2714	2474	636	109	24371

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Table 7. AIDS Cases by Race/Ethnicity and Year of Diagnosis, San Francisco, 1981-1997

Race/Ethnicity	Year of Diagnosis					
	< 1987 No. (%)	1987 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)	1991 No. (%)
White	2909 (84.7)	1373 (80.3)	1408 (79.7)	1556 (79.0)	1679 (77.7)	2083 (75.0)
African American	206 (6.0)	142 (8.3)	160 (9.1)	188 (9.5)	221 (10.2)	324 (11.7)
Latino	264 (7.7)	143 (8.4)	164 (9.3)	170 (8.6)	186 (8.6)	296 (10.7)
Asian/Pacific Islander	48 (1.4)	48 (2.8)	31 (1.8)	48 (2.4)	61 (2.8)	68 (2.4)
Native American	8 (0.2)	4 (0.2)	3 (0.2)	8 (0.4)	13 (0.6)	5 (0.2)
Total	3435 (100)	1710 (100)	1766 (100)	1970 (100)	2160 (100)	2776 (100)

Race/Ethnicity	Year of Diagnosis					
	1992 No. (%)	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)	1997 No. (%)
White	2265 (72.8)	1756 (71.8)	1377 (70.1)	1137 (69.0)	699 (63.7)	196 (68.3)
African American	376 (12.1)	335 (13.7)	276 (14.0)	248 (15.0)	194 (17.7)	44 (15.3)
Latino	369 (11.9)	247 (10.1)	238 (12.1)	203 (12.3)	156 (14.2)	38 (13.2)
Asian/Pacific Islander	75 (2.4)	93 (3.8)	58 (3.0)	53 (3.2)	44 (4.0)	9 (3.1)
Native American	25 (0.8)	14 (0.6)	16 (0.8)	8 (0.5)	5 (0.5)	0 (0.0)
Total	3110 (100)	2445 (100)	1965 (100)	1649 (100)	1098 (100)	287 (100)

Table 8. AIDS Cases and Cumulative Rates per 100,000 by Race/Ethnicity and Gender, San Francisco (1)

Race/Ethnicity	Male	Female	Total
	No. (Rate)	No. (Rate)	No. (Rate)
White	16242 (9385.6)	246 (149.9)	16488 (4890.9)
African American	2141 (5743.8)	313 (801.2)	2454 (3214.4)
Latino	2173 (4234.8)	85 (172.1)	2258 (2241.9)
Asian/Pacific Islander	522 (528.7)	33 (30.9)	555 (269.8)
Native American	92 (6695.8)	9 (713.7)	101 (3833.0)
Total	21170 (5840.0)	686 (189.8)	21856 (3019.0)

(1) Includes only San Francisco residents. This excludes persons diagnosed in SF who resided in other jurisdictions at the time of their AIDS diagnosis. Because of this exclusion, case numbers in this table are different from those in the other tables included in this report.

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Table 9. AIDS Incidence, Mortality, and Prevalence by Year

Year	Number of Cases Reported per Year	Number of Cases Diagnosed per Year (1)	Number of Deaths Occurred per year (1)	Number of Persons Living with AIDS (1)
1980	0	4	0	4
1981	23	30	9	25
1982	91	116	37	104
1983	226	318	136	286
1984	499	622	309	599
1985	753	953	599	953
1986	1128	1392	905	1440
1987	1465	1710	980	2170
1988	1592	1766	1163	2773
1989	1808	1970	1442	3301
1990	1962	2160	1580	3881
1991	1960	2776	1730	4927
1992	1883	3110	1819	6218
1993	4841	2445	1791	6872
1994	2217	1965	1808	7029
1995	1852	1649	1420	7258
1996	1444	1098	913	7443
1997	627	287	162	7568
Total	24371	24371	16803	

(1) Data in recent years is incomplete due to delay in cases/deaths reporting.

Table 10. Cases by Initial AIDS-Defining Condition, San Francisco, 1981-1997

Initial AIDS-Defining Condition	Conf.(1) No.	Pres.(2) No.	Total No. (%)
Bacterial infections, recurrent, < 13 years [HIV+(3)]	2	N/A(4)	2 (0.0)
Candidiasis of bronchi, trachea, or lungs	25	N/A	25 (0.1)
Candidiasis of esophagus	321	230	551 (2.3)
Cervical cancer, invasive [HIV+]	1	N/A	1 (0.0)
Coccidioidomycosis, disseminated or extrapulmonary [HIV+]	11	N/A	11 (0.0)
Cryptococcosis, extrapulmonary	462	N/A	462 (1.9)
Cryptosporidiosis, intestinal (> 1 mo. duration)	379	N/A	379 (1.6)
Cytomagalovirus (except liver, spleen, lymph nodes), > 1 month of age	258	N/A	258 (1.1)
CMV retinitis with loss of vision [HIV+]	0	175	175 (0.7)
HIV encephalopathy [HIV+]	469	N/A	469 (1.9)
Herpes simplex: chronic (> 1 mo. duration), bronchitis, pneumonitis, esophagitis	115	N/A	115 (0.5)
Histoplasmosis, disseminated or extrapulmonary [HIV+]	31	N/A	31 (0.1)
Isosporiasis, intestinal (> 1 mo. duration) [HIV+]	25	N/A	25 (0.1)
Kaposi's sarcoma (5)	2976	269	3245 (13.3)
Lymphoid interstitial pneumonia/pulmonary lymphoid hyperplasia, < 13 years	6	0	6 (0.0)
Lymphoma, Burkitt's (non-Hodgkin's) [HIV+]	110	N/A	110 (0.5)
Lymphoma, immunoblastic (non-Hodgkin's) [HIV+]	449	N/A	449 (1.8)
Lymphoma, primary in brain (5)	52	N/A	52 (0.2)
Mycobacterium avium complex or M. kansasii, disseminated or extrapulmonary	367	0	367 (1.5)
Mycobacterium tuberculosis, pulmonary [HIV+]	149	11	160 (0.7)
Mycobacterium tuberculosis, disseminated or extrapulmonary [HIV+]	161	3	164 (0.7)
Mycobacterium other species, disseminated or extrapulmonary [HIV+]	18	20	38 (0.2)
Pneumocystis carinii pneumonia	5868	667	6535 (26.8)
Pneumonia, recurrent [HIV+]	116	11	127 (0.5)
Progressive multifocal leukoencephalopathy	58	N/A	58 (0.2)
Salmonella sepsis, recurrent [HIV+]	7	N/A	7 (0.0)
Toxoplasmosis of brain, > 1 month of age	42	255	297 (1.2)
Wasting syndrome [HIV+]	785	N/A	785 (3.2)
CD4 T lymphocyte count < 200 or percent < 14 [HIV+]	9462	N/A	9462 (38.8)
Any AIDS indicator condition and HIV-negative and CD4 count < 400 (6)	5	N/A	5 (0.0)
Total	22730	1641	24371 (100)

(1) Indicator conditions diagnosed definitively (e.g. culture or biopsy proven).

(2) Indicator conditions diagnosed presumptively in a person who has laboratory evidence of HIV infection.

(3) [HIV+]: Indicator conditions that require laboratory evidence of HIV infection.

(4) N/A: Conditions which require definitive diagnoses only.

(5) Laboratory evidence of HIV infection in persons > 60 years of age.

(6) In the absence of other causes of immunocompromise.

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Table 11. Cumulative AIDS Indicator Conditions among Persons with AIDS, San Francisco, 1981-1997

AIDS Indicator Condition (1)	Total No. (%)
Bacterial infections, recurrent, < 13 years [HIV+(2)]	2 (0.0)
Candidiasis of bronchi, trachea, or lungs	91 (0.4)
Candidiasis of esophagus	1430 (5.9)
Cervical cancer, invasive [HIV+]	4 (0.0)
Coccidioidomycosis, disseminated or extrapulmonary [HIV+]	39 (0.2)
Cryptococcosis, extrapulmonary	1564 (6.4)
Cryptosporidiosis, intestinal (> 1 mo. duration)	1210 (5.0)
Cytomegalovirus (except liver, spleen, lymph nodes), > 1 month of age	2068 (8.5)
CMV retinitis with loss of vision [HIV+]	1832 (7.5)
HIV encephalopathy [HIV+]	1839 (7.5)
Herpes simplex: chronic (> 1 mo. duration), bronchitis, pneumonitis, esophagitis	332 (1.4)
Histoplasmosis, disseminated or extrapulmonary [HIV+]	136 (0.6)
Isosporiasis, intestinal (> 1 mo. duration) [HIV+]	62 (0.3)
Kaposi's sarcoma (3)	6217 (25.5)
Lymphoid interstitial pneumonia/pulmonary lymphoid hyperplasia, < 13 years	6 (0.0)
Lymphoma, Burkitt's (non-Hodgkin's) [HIV+]	526 (2.2)
Lymphoma, immunoblastic (non-Hodgkin's) [HIV+]	899 (3.7)
Lymphoma, primary in brain (3)	331 (1.4)
Mycobacterium avium complex or M. kansasii, disseminated or extrapulmonary	4725 (19.4)
Mycobacterium tuberculosis, pulmonary [HIV+]	422 (1.7)
Mycobacterium tuberculosis, disseminated or extrapulmonary [HIV+]	401 (1.6)
Mycobacterium other species, disseminated or extrapulmonary [HIV+]	289 (1.2)
Pneumocystis carinii pneumonia	10235 (42.0)
Pneumonia, recurrent [HIV+]	254 (1.0)
Progressive multifocal leukoencephalopathy	246 (1.0)
Salmonella sepsis, recurrent [HIV+]	50 (0.2)
Toxoplasmosis of brain, > 1 month of age	1054 (4.3)
Wasting syndrome [HIV+]	2999 (12.3)

(1) Cases may have more than one condition.

(2) [HIV+]: Indicator conditions that require laboratory evidence of HIV infection.

(3) Laboratory evidence of HIV infection in persons > 60 years of age.

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SAN FRANCISCO
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AIDS REPORTED CASES (From 07/81 to 09/30/97)¹

San Francisco

Cumulative cases:	24,682
Cumulative deaths:	16,900
Cases reported this quarter:	330
Deaths reported this quarter:	98

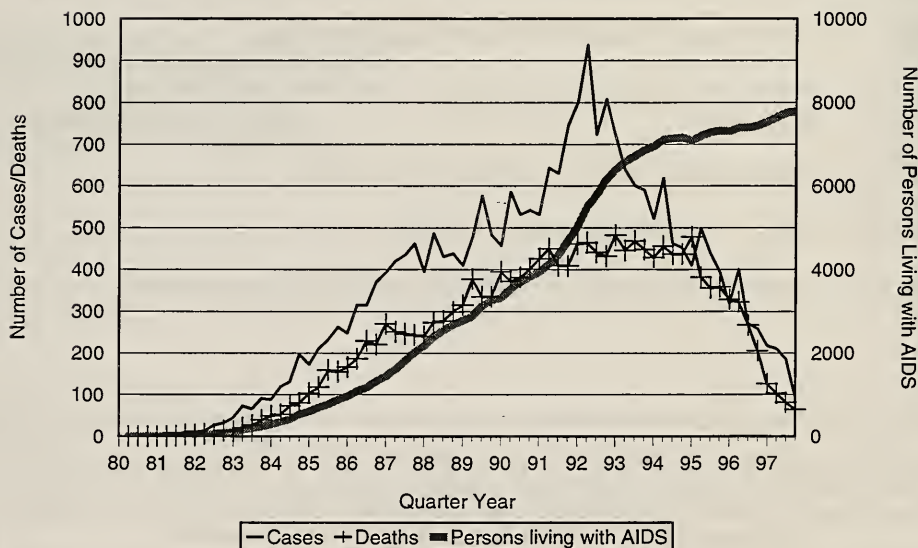
California (as of 09/30/97)

Cumulative cases:	103,056
Cumulative deaths:	65,744

United States (as of 12/31/96)

Cumulative cases:	581,429
Cumulative deaths:	362,004

San Francisco AIDS Incidence, Mortality, and Prevalence by Quarter Year, 1980-1997²



1. Includes SF residents diagnosed in SF, SF residents diagnosed in other jurisdictions, and persons diagnosed in SF who resided in other jurisdictions at the time of their AIDS diagnosis.
2. Reporting for recent quarters is incomplete.

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Table 1. AIDS Cases by Transmission Category and Gender, San Francisco, 1981-1997

Transmission Category (1)	Male		Female		Total	
	No.	(%)	No.	(%)	No.	(%)
Adult/Adolescent						
Gay or bisexual male	19913	(83.5)	0	(0.0)	19913	(80.7)
Injection drug user (IDU)	1181	(4.9)	434	(52.7)	1615	(6.5)
Gay or bisexual male IDU	2396	(10.0)	0	(0.0)	2396	(9.7)
Lesbian or bisexual IDU	0	(0.0)	30	(3.6)	30	(0.1)
Hemophiliac	39	(0.2)	1	(0.1)	40	(0.2)
Heterosexual (2)	59	(0.2)	229	(27.8)	288	(1.2)
Transfusion recipient	113	(0.5)	81	(9.8)	194	(0.8)
None of the above/Other (3)	136	(0.6)	29	(3.5)	165	(0.7)
Pediatric (0-12 years) (4)	22	(0.1)	19	(2.3)	41	(0.2)
Total	23859	(100)	823	(100)	24682	(100)

Table 2. AIDS Cases by Gender and Year of Diagnosis, San Francisco, 1981-1997

Gender	Year of Diagnosis					
	< 1987 No. (%)	1987 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)	1991 No. (%)
Male	3407 (99.1)	1694 (98.9)	1728 (97.8)	1933 (97.0)	2134 (97.5)	2741 (97.3)
Female	30 (0.9)	19 (1.1)	38 (2.2)	60 (3.0)	55 (2.5)	77 (2.7)
Total	3437 (100)	1713 (100)	1766 (100)	1993 (100)	2189 (100)	2818 (100)

Gender	Year of Diagnosis					
	1992 No. (%)	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)	1997 No. (%)
Male	3059 (96.0)	2247 (95.6)	1836 (94.5)	1561 (94.6)	1067 (93.0)	452 (92.4)
Female	128 (4.0)	103 (4.4)	107 (5.5)	89 (5.4)	80 (7.0)	37 (7.6)
Total	3187 (100)	2350 (100)	1943 (100)	1650 (100)	1147 (100)	489 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

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Table 3. AIDS Cases by Transmission Category and Race/Ethnicity, San Francisco, 1981-1997

Transmission Category (1)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/Pacific Islander No. (%)	Native American No. (%)
Adult/Adolescent					
Gay or bisexual male	15908 (85.4)	1457 (52.6)	1967 (78.0)	519 (79.5)	62 (56.9)
Injection drug user (IDU)	599 (3.2)	765 (27.6)	203 (8.1)	32 (4.9)	16 (14.7)
Gay or bisexual male IDU	1787 (9.6)	347 (12.5)	209 (8.3)	27 (4.1)	26 (23.9)
Lesbian or bisexual IDU	13 (0.1)	12 (0.4)	3 (0.1)	1 (0.2)	1 (0.9)
Hemophiliac	25 (0.1)	3 (0.1)	8 (0.3)	4 (0.6)	0 (0.0)
Heterosexual (2)	118 (0.6)	92 (3.3)	53 (2.1)	23 (3.5)	2 (1.8)
Transfusion recipient	104 (0.6)	29 (1.0)	31 (1.2)	30 (4.6)	0 (0.0)
None of the above/Other (3)	60 (0.3)	49 (1.8)	41 (1.6)	13 (2.0)	2 (1.8)
Pediatric (0-12 years) (4)	17 (0.1)	14 (0.5)	6 (0.2)	4 (0.6)	0 (0.0)
Total	18631 (100)	2768 (100)	2521 (100)	653 (100)	109 (100)

Table 4. AIDS Cases by Transmission Category and Asian/Pacific Islander Ethnicity, San Francisco, 1981-1997

Transmission Category (1)	Chinese No. (%)	Japanese No. (%)	Filipino- No. (%)	Southeast Asian No. (%)	Korean No. (%)	Pacific Islander No. (%)	Other No. (%)
Adult/Adolescent							
Gay or bisexual male	141 (80.6)	78 (86.7)	191 (80.6)	38 (82.6)	7 (70.0)	32 (58.2)	32 (80.0)
Injection drug user (IDU)	6 (3.4)	2 (2.2)	6 (2.5)	4 (8.7)	2 (20.0)	8 (14.5)	4 (10.0)
Gay or bisexual male IDU	2 (1.1)	4 (4.4)	12 (5.1)	2 (4.3)	0 (0.0)	4 (7.3)	3 (7.5)
Lesbian or bisexual IDU	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (1.8)	0 (0.0)
Hemophiliac	1 (0.6)	1 (1.1)	1 (0.4)	0 (0.0)	0 (0.0)	1 (1.8)	0 (0.0)
Heterosexual (2)	2 (1.1)	2 (2.2)	12 (5.1)	1 (2.2)	1 (10.0)	5 (9.1)	0 (0.0)
Transfusion recipient	15 (8.6)	3 (3.3)	10 (4.2)	1 (2.2)	0 (0.0)	1 (1.8)	0 (0.0)
None of the above/Other (3)	6 (3.4)	0 (0.0)	4 (1.7)	0 (0.0)	0 (0.0)	2 (3.6)	1 (2.5)
Pediatric (0-12 years) (4)	2 (1.1)	0 (0.0)	1 (0.4)	0 (0.0)	0 (0.0)	1 (1.8)	0 (0.0)
Total	175 (100)	90 (100)	237 (100)	46 (100)	10 (100)	55 (100)	40 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

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Table 5. AIDS Cases by Transmission Category and Year of Diagnosis, San Francisco, 1981-1997

Transmission Category (1)	Year of Diagnosis					
	< 1987 No. (%)	1987 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)	1991 No. (%)
Adult/Adolescent						
Gay or bisexual male	2853 (83.0)	1461 (85.3)	1508 (85.4)	1679 (84.2)	1859 (84.9)	2305 (81.8)
Injection drug user (IDU)	46 (1.3)	37 (2.2)	62 (3.5)	98 (4.9)	114 (5.2)	194 (6.9)
Gay or bisexual male IDU	470 (13.7)	171 (10.0)	154 (8.7)	153 (7.7)	160 (7.3)	236 (8.4)
Lesbian or bisexual IDU	1 (0.0)	1 (0.1)	0 (0.0)	2 (0.1)	3 (0.1)	2 (0.1)
Hemophiliac	5 (0.1)	5 (0.3)	3 (0.2)	4 (0.2)	2 (0.1)	4 (0.1)
Heterosexual (2)	12 (0.3)	7 (0.4)	11 (0.6)	17 (0.9)	25 (1.1)	26 (0.9)
Transfusion recipient	34 (1.0)	16 (0.9)	23 (1.3)	26 (1.3)	12 (0.5)	26 (0.9)
None of the above/Other (3)	8 (0.2)	7 (0.4)	3 (0.2)	7 (0.4)	11 (0.5)	20 (0.7)
Pediatric (0-12 years) (4)	8 (0.2)	8 (0.5)	2 (0.1)	7 (0.4)	3 (0.1)	5 (0.2)
Total	3437 (100)	1713 (100)	1766 (100)	1993 (100)	2189 (100)	2818 (100)
Transmission Category (1)	Year of Diagnosis					
	1992 No. (%)	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)	1997 No. (%)
Adult/Adolescent						
Gay or bisexual male	2542 (79.8)	1813 (77.1)	1458 (75.0)	1245 (75.5)	828 (72.2)	362 (74.0)
Injection drug user (IDU)	278 (8.7)	193 (8.2)	193 (9.9)	173 (10.5)	159 (13.9)	68 (13.9)
Gay or bisexual male IDU	265 (8.3)	262 (11.1)	220 (11.3)	165 (11.0)	104 (9.1)	36 (7.4)
Lesbian or bisexual IDU	5 (0.2)	7 (0.3)	4 (0.2)	5 (0.3)	0 (0.0)	0 (0.0)
Hemophiliac	7 (0.2)	2 (0.1)	3 (0.2)	4 (0.2)	1 (0.1)	0 (0.0)
Heterosexual (2)	50 (1.6)	38 (1.6)	34 (1.7)	32 (1.9)	25 (2.2)	11 (2.2)
Transfusion recipient	17 (0.5)	17 (0.7)	11 (0.6)	8 (0.5)	3 (0.3)	1 (0.2)
None of the above/Other (3)	21 (0.7)	15 (0.6)	17 (0.9)	18 (1.1)	27 (2.4)	11 (2.2)
Pediatric (0-12 years) (4)	2 (0.1)	3 (0.1)	3 (0.2)	0 (0.0)	0 (0.0)	0 (0.0)
Total	3187 (100)	2350 (100)	1943 (100)	1650 (100)	1147 (100)	489 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

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Table 6. AIDS Cases by Gender, Age Group and Race/Ethnicity, San Francisco, 1981-1997

Male						
Age (years)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/Pacific Islander No. (%)	Native American No. (%)	Total No. (%)
0 - 12	11 (0.1)	3 (0.1)	5 (0.2)	3 (0.5)	0 (0.0)	22 (0.1)
13 - 19	10 (0.1)	1 (0.0)	11 (0.5)	2 (0.3)	1 (1.0)	25 (0.1)
20 - 24	285 (1.6)	55 (2.3)	77 (3.2)	16 (2.7)	1 (1.0)	434 (1.8)
25 - 29	1655 (9.0)	244 (10.1)	353 (14.6)	74 (12.3)	17 (17.2)	2343 (9.8)
30 - 39	8404 (45.9)	1084 (44.9)	1193 (49.3)	267 (44.3)	55 (55.6)	11003 (46.1)
40 - 49	5868 (32.0)	726 (30.1)	572 (23.7)	175 (29.0)	19 (19.2)	7360 (30.8)
50 - 59	1656 (9.0)	232 (9.6)	164 (6.8)	47 (7.8)	6 (6.1)	2105 (8.8)
60 +	436 (2.4)	69 (2.9)	43 (1.8)	19 (3.2)	0 (0.0)	567 (2.4)
Male subtotal	18325 (100)	2414 (100)	2418 (100)	603 (100)	99 (100)	23859 (100)
Female						
Age (years)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/Pacific Islander No. (%)	Native American No. (%)	Total No. (%)
0 - 12	6 (2.0)	11 (3.1)	1 (1.0)	1 (2.0)	0 (0.0)	19 (2.3)
13 - 19	1 (0.3)	1 (0.3)	1 (1.0)	0 (0.0)	0 (0.0)	3 (0.4)
20 - 24	12 (3.9)	9 (2.5)	4 (3.9)	0 (0.0)	1 (10.0)	26 (3.2)
25 - 29	44 (14.4)	35 (9.9)	18 (17.5)	7 (14.0)	0 (0.0)	104 (12.6)
30 - 39	130 (42.5)	147 (41.5)	41 (39.8)	17 (34.0)	7 (70.0)	342 (41.6)
40 - 49	63 (20.6)	112 (31.6)	24 (23.3)	17 (34.0)	2 (20.0)	218 (26.5)
50 - 59	18 (5.9)	21 (5.9)	9 (8.7)	5 (10.0)	0 (0.0)	53 (6.4)
60 +	32 (10.5)	18 (5.1)	5 (4.9)	3 (6.0)	0 (0.0)	58 (7.0)
Female subtotal	306 (100)	354 (100)	103 (100)	50 (100)	10 (100)	823 (100)
Total	18631	2768	2521	653	109	24682

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Table 7. AIDS Cases by Race/Ethnicity and Year of Diagnosis, San Francisco, 1981-1997

Race/Ethnicity	Year of Diagnosis					
	< 1987 No. (%)	1987 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)	1991 No. (%)
White	2911 (84.7)	1374 (80.2)	1409 (79.8)	1574 (79.0)	1700 (77.7)	2120 (75.2)
African American	206 (6.0)	143 (8.3)	161 (9.1)	189 (9.5)	224 (10.2)	326 (11.6)
Latino	264 (7.7)	144 (8.4)	163 (9.2)	173 (8.7)	190 (8.7)	298 (10.6)
Asian/Pacific Islander	48 (1.4)	48 (2.8)	30 (1.7)	49 (2.5)	62 (2.8)	69 (2.4)
Native American	8 (0.2)	4 (0.2)	3 (0.2)	8 (0.4)	13 (0.6)	5 (0.2)
Total	3437 (100)	1713 (100)	1766 (100)	1993 (100)	2189 (100)	2818 (100)

Race/Ethnicity	Year of Diagnosis					
	1992 No. (%)	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)	1997 No. (%)
White	2320 (72.8)	1683 (71.6)	1356 (69.8)	1137 (68.9)	725 (63.2)	322 (65.8)
African American	385 (12.1)	326 (13.9)	278 (14.3)	245 (14.8)	203 (17.7)	82 (16.8)
Latino	379 (11.9)	238 (10.1)	237 (12.2)	206 (12.5)	165 (14.4)	64 (13.1)
Asian/Pacific Islander	76 (2.4)	91 (3.9)	56 (2.9)	54 (3.3)	49 (4.3)	21 (4.3)
Native American	27 (0.8)	12 (0.5)	16 (0.8)	8 (0.5)	5 (0.4)	0 (0.0)
Total	3187 (100)	2350 (100)	1943 (100)	1650 (100)	1147 (100)	489 (100)

Table 8. AIDS Cases and Cumulative Rates per 100,000 by Race/Ethnicity and Gender, San Francisco (1)

Race/Ethnicity	Male		Female		Total	
	No.	(Rate)	No.	(Rate)	No.	(Rate)
White	16411	(9483.2)	250	(152.4)	16661	(4942.2)
African American	2180	(5848.4)	321	(821.6)	2501	(3276.0)
Latino	2213	(4312.7)	89	(180.1)	2302	(2285.6)
Asian/Pacific Islander	532	(538.8)	35	(32.7)	567	(275.7)
Native American	92	(6695.8)	9	(713.7)	101	(3833.0)
Total	21428	(5911.2)	704	(194.8)	22132	(3057.1)

(1) Includes only San Francisco residents. This excludes persons diagnosed in SF who resided in other jurisdictions at the time of their AIDS diagnosis. Because of this exclusion, case numbers in this table are different from those in the other tables included in this report.

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Table 9. AIDS Incidence, Mortality, and Prevalence by Year

Year	Number of Cases Reported per Year	Number of Cases Diagnosed per Year (1)	Number of Deaths Occurred per year (1)	Number of Persons Living with AIDS (1)
1980	0	4	0	4
1981	23	30	9	25
1982	91	117	37	105
1983	226	318	136	287
1984	499	622	309	600
1985	753	953	599	954
1986	1128	1393	905	1442
1987	1465	1713	980	2175
1988	1591	1766	1164	2777
1989	1808	1993	1442	3328
1990	1963	2189	1580	3937
1991	1959	2818	1730	5025
1992	1883	3187	1819	6393
1993	4834	2350	1791	6952
1994	2215	1943	1808	7087
1995	1847	1650	1423	7314
1996	1443	1147	920	7541
1997	954	489	248	7782
Total	24682	24682	16900	

(1) Data in recent years is incomplete due to delay in cases/deaths reporting.

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Table 10. Cases by Initial AIDS-Defining Condition, San Francisco, 1981-1997

Initial AIDS-Defining Condition	Def. (1) No.	Pres. (2) No.	Total No. (%)
Bacterial infections, recurrent, < 13 years [HIV+(3)]	2	N/A(4)	2 (0.0)
Candidiasis of bronchi, trachea, or lungs	25	N/A	25 (0.1)
Candidiasis of esophagus	324	235	559 (2.3)
Cervical cancer, invasive [HIV+]	1	N/A	1 (0.0)
Coccidioidomycosis, disseminated or extrapulmonary [HIV+]	11	N/A	11 (0.0)
Cryptococcosis, extrapulmonary	462	N/A	462 (1.9)
Cryptosporidiosis, intestinal (> 1 mo. duration)	384	N/A	384 (1.6)
Cytomegalovirus (except liver, spleen, lymph nodes), > 1 month of age	261	N/A	261 (1.1)
CMV retinitis with loss of vision [HIV+]	0	174	174 (0.7)
HIV encephalopathy [HIV+]	469	N/A	469 (1.9)
Herpes simplex: chronic (> 1 mo. duration), bronchitis, pneumonitis, esophagitis	114	N/A	114 (0.5)
Histoplasmosis, disseminated or extrapulmonary [HIV+]	31	N/A	31 (0.1)
Isosporiasis, intestinal (> 1 mo. duration) [HIV+]	25	N/A	25 (0.1)
Kaposi's sarcoma (5)	2981	276	3257 (13.2)
Lymphoid interstitial pneumonia/pulmonary lymphoid hyperplasia, < 13 years	6	0	6 (0.0)
Lymphoma, Burkitt's (non-Hodgkin's) [HIV+]	109	N/A	109 (0.4)
Lymphoma, immunoblastic (non-Hodgkin's) [HIV+]	451	N/A	451 (1.8)
Lymphoma, primary in brain (5)	52	N/A	52 (0.2)
Mycobacterium avium complex or M. kansasii, disseminated or extrapulmonary	368	0	368 (1.5)
Mycobacterium tuberculosis, pulmonary [HIV+]	147	9	156 (0.6)
Mycobacterium tuberculosis, disseminated or extrapulmonary [HIV+]	155	1	156 (0.6)
Mycobacterium other species, disseminated or extrapulmonary [HIV+]	18	20	38 (0.2)
Pneumocystis carinii pneumonia	5893	676	6569 (26.6)
Pneumonia, recurrent [HIV+]	124	12	136 (0.6)
Progressive multifocal leukoencephalopathy	56	N/A	56 (0.2)
Salmonella sepsis, recurrent [HIV+]	6	N/A	6 (0.0)
Toxoplasmosis of brain, > 1 month of age	43	255	298 (1.2)
Wasting syndrome [HIV+]	796	N/A	796 (3.2)
CD4 T lymphocyte count < 200 or percent < 14 [HIV+]	9705	N/A	9705 (39.3)
Any AIDS indicator condition and HIV-negative and CD4 count < 400 (6)	5	N/A	5 (0.0)
Total	23024	1658	24682 (100)

(1) Indicator conditions diagnosed definitively (e.g. culture or biopsy proven).

(2) Indicator conditions diagnosed presumptively in a person who has laboratory evidence of HIV infection.

(3) [HIV+]: Indicator conditions that require laboratory evidence of HIV infection.

(4) N/A: Conditions which require definitive diagnoses only.

(5) Laboratory evidence of HIV infection in persons > 60 years of age.

(6) In the absence of other causes of immunocompromise.

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Table 11. Cumulative AIDS Indicator Conditions among Persons with AIDS, San Francisco, 1981-1997

AIDS Indicator Condition (1)	Total No. (%)
Bacterial infections, recurrent, < 13 years [HIV+(2)]	2 (0.0)
Candidiasis of bronchi, trachea, or lungs	100 (0.4)
Candidiasis of esophagus	1542 (6.2)
Cervical cancer, invasive [HIV+]	4 (0.0)
Coccidioidomycosis, disseminated or extrapulmonary [HIV+]	39 (0.2)
Cryptococcosis, extrapulmonary	1592 (6.5)
Cryptosporidiosis, intestinal (> 1 mo. duration)	1241 (5.0)
Cytomegalovirus (except liver, spleen, lymph nodes), > 1 month of age	2141 (8.7)
CMV retinitis with loss of vision [HIV+]	1925 (7.8)
HIV encephalopathy [HIV+]	1900 (7.7)
Herpes simplex: chronic (> 1 mo. duration), bronchitis, pneumonitis, esophagitis	340 (1.4)
Histoplasmosis, disseminated or extrapulmonary [HIV+]	139 (0.6)
Isosporiasis, intestinal (> 1 mo. duration) [HIV+]	62 (0.3)
Kaposi's sarcoma (3)	6336 (25.7)
Lymphoid interstitial pneumonia/pulmonary lymphoid hyperplasia, < 13 years	6 (0.0)
Lymphoma, Burkitt's (non-Hodgkin's) [HIV+]	529 (2.1)
Lymphoma, immunoblastic (non-Hodgkin's) [HIV+]	925 (3.7)
Lymphoma, primary in brain (3)	340 (1.4)
Mycobacterium avium complex or M. kansasii, disseminated or extrapulmonary	4818 (19.5)
Mycobacterium tuberculosis, pulmonary [HIV+]	397 (1.6)
Mycobacterium tuberculosis, disseminated or extrapulmonary [HIV+]	365 (1.5)
Mycobacterium other species, disseminated or extrapulmonary [HIV+]	301 (1.2)
Pneumocystis carinii pneumonia	10383 (42.1)
Pneumonia, recurrent [HIV+]	302 (1.2)
Progressive multifocal leukoencephalopathy	264 (1.1)
Salmonella sepsis, recurrent [HIV+]	51 (0.2)
Toxoplasmosis of brain, > 1 month of age	1068 (4.3)
Wasting syndrome [HIV+]	3131 (12.7)

(1) Cases may have more than one condition.

(2) [HIV+]: Indicator conditions that require laboratory evidence of HIV infection.

(3) Laboratory evidence of HIV infection in persons > 60 years of age.

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AIDS Cases Reported Through December 1997

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AIDS REPORTED CASES (From 07/81 to 12/31/97)¹

San Francisco

Cumulative cases:	24,962
Cumulative deaths:	16,999
Cases reported this quarter:	293
Deaths reported this quarter:	103

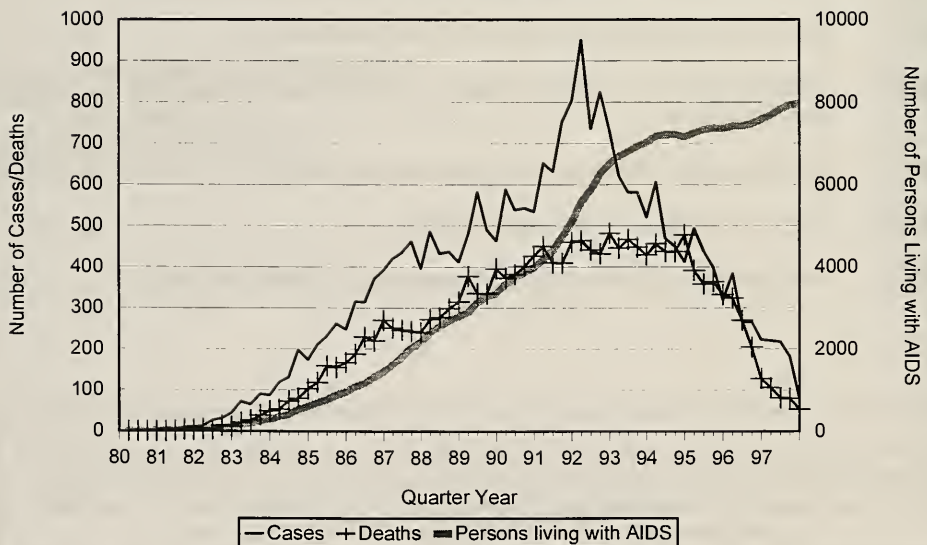
California (as of 12/31/97)

Cumulative cases:	104,638
Cumulative deaths:	66,263

United States (as of 06/30/97)

Cumulative cases:	612,078
Cumulative deaths:	379,258

San Francisco AIDS Incidence, Mortality, and Prevalence by Quarter Year, 1980-1997²



1. Includes SF residents diagnosed in SF, SF residents diagnosed in other jurisdictions, and persons diagnosed in SF who resided in other jurisdictions at the time of their AIDS diagnosis.
2. Reporting for recent quarters is incomplete.

Table 1. AIDS Cases by Transmission Category and Gender, San Francisco, 1981-1997

Transmission Category (1)	Male		Female		Total	
	No.	(%)	No.	(%)	No.	(%)
Adult/Adolescent						
Gay or bisexual male	20059	(83.2)	0	(0.0)	20059	(80.4)
Injection drug user (IDU)	1197	(5.0)	440	(52.3)	1637	(6.6)
Gay or bisexual male IDU	2483	(10.3)	0	(0.0)	2483	(9.9)
Lesbian or bisexual IDU	0	(0.0)	31	(3.7)	31	(0.1)
Hemophiliac	38	(0.2)	1	(0.1)	39	(0.2)
Heterosexual (2)	61	(0.3)	240	(28.5)	301	(1.2)
Transfusion recipient	113	(0.5)	81	(9.6)	194	(0.8)
None of the above/Other (3)	147	(0.6)	30	(3.6)	177	(0.7)
Pediatric (0-12 years) (4)	22	(0.1)	19	(2.3)	41	(0.2)
Total	24120	(100)	842	(100)	24962	(100)

Table 2. AIDS Cases by Gender and Year of Diagnosis, San Francisco, 1981-1997

Gender	Year of Diagnosis					
	< 1987 No. (%)	1987 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)	1991 No. (%)
Male	3410 (99.1)	1697 (98.9)	1731 (97.9)	1952 (97.0)	2148 (97.5)	2763 (97.3)
Female	30 (0.9)	19 (1.1)	38 (2.1)	61 (3.0)	55 (2.5)	78 (2.7)
Total	3440 (100)	1716 (100)	1769 (100)	2013 (100)	2203 (100)	2841 (100)

Gender	Year of Diagnosis					
	1992 No. (%)	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)	1997 No. (%)
Male	3113 (96.0)	2204 (95.7)	1830 (94.4)	1564 (94.7)	1057 (92.8)	651 (92.3)
Female	129 (4.0)	100 (4.3)	108 (5.6)	88 (5.3)	82 (7.2)	54 (7.7)
Total	3242 (100)	2304 (100)	1938 (100)	1652 (100)	1139 (100)	705 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

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Table 3. AIDS Cases by Transmission Category and Race/Ethnicity, San Francisco, 1981-1997

Transmission Category (1)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/Pacific Islander No. (%)	Native American No. (%)
Adult/Adolescent					
Gay or bisexual male	16021 (85.2)	1464 (51.9)	1988 (77.7)	522 (79.0)	64 (58.2)
Injection drug user (IDU)	605 (3.2)	780 (27.7)	205 (8.0)	32 (4.8)	15 (13.6)
Gay or bisexual male IDU	1844 (9.8)	365 (12.9)	217 (8.5)	31 (4.7)	26 (23.6)
Lesbian or bisexual IDU	14 (0.1)	12 (0.4)	3 (0.1)	1 (0.2)	1 (0.9)
Hemophiliac	25 (0.1)	2 (0.1)	8 (0.3)	4 (0.6)	0 (0.0)
Heterosexual (2)	119 (0.6)	100 (3.5)	56 (2.2)	24 (3.6)	2 (1.8)
Transfusion recipient	104 (0.6)	29 (1.0)	31 (1.2)	30 (4.5)	0 (0.0)
None of the above/Other (3)	64 (0.3)	53 (1.9)	45 (1.8)	13 (2.0)	2 (1.8)
Pediatric (0-12 years) (4)	17 (0.1)	14 (0.5)	6 (0.2)	4 (0.6)	0 (0.0)
Total	18813 (100)	2819 (100)	2559 (100)	661 (100)	110 (100)

Table 4. AIDS Cases by Transmission Category and Asian/Pacific Islander Ethnicity, San Francisco, 1981-1997

Transmission Category (1)	Chinese No. (%)	Japanese No. (%)	Filipino No. (%)	Southeast Asian No. (%)	Korean No. (%)	Pacific Islander No. (%)	Other No. (%)
Adult/Adolescent							
Gay or bisexual male	141 (80.1)	78 (86.7)	191 (79.3)	38 (82.6)	8 (72.7)	32 (58.2)	34 (81.0)
Injection drug user (IDU)	6 (3.4)	2 (2.2)	6 (2.5)	4 (8.7)	2 (18.2)	8 (14.5)	4 (9.5)
Gay or bisexual male IDU	3 (1.7)	4 (4.4)	15 (6.2)	2 (4.3)	0 (0.0)	4 (7.3)	3 (7.1)
Lesbian or bisexual IDU	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (1.8)	0 (0.0)
Hemophiliac	1 (0.6)	1 (1.1)	1 (0.4)	0 (0.0)	0 (0.0)	1 (1.8)	0 (0.0)
Heterosexual (2)	2 (1.1)	2 (2.2)	12 (5.0)	1 (2.2)	1 (9.1)	5 (9.1)	1 (2.4)
Transfusion recipient	15 (8.5)	3 (3.3)	10 (4.1)	1 (2.2)	0 (0.0)	1 (1.8)	0 (0.0)
None of the above/Other (3)	6 (3.4)	0 (0.0)	5 (2.1)	0 (0.0)	0 (0.0)	2 (3.6)	0 (0.0)
Pediatric (0-12 years) (4)	2 (1.1)	0 (0.0)	1 (0.4)	0 (0.0)	0 (0.0)	1 (1.8)	0 (0.0)
Total	176 (100)	90 (100)	241 (100)	46 (100)	11 (100)	55 (100)	42 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

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Table 5. AIDS Cases by Transmission Category and Year of Diagnosis, San Francisco, 1981-1997

Transmission Category (1)	Year of Diagnosis					
	< 1987 No. (%)	1987 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)	1991 No. (%)
Adult/Adolescent						
Gay or bisexual male	2854 (83.0)	1464 (85.3)	1511 (85.4)	1694 (84.2)	1864 (84.6)	2321 (81.7)
Injection drug user (IDU)	46 (1.3)	37 (2.2)	62 (3.5)	100 (5.0)	114 (5.2)	196 (6.9)
Gay or bisexual male IDU	472 (13.7)	171 (10.0)	154 (8.7)	156 (7.7)	169 (7.7)	240 (8.4)
Lesbian or bisexual IDU	1 (0.0)	1 (0.1)	0 (0.0)	2 (0.1)	3 (0.1)	2 (0.1)
Hemophiliac	5 (0.1)	5 (0.3)	3 (0.2)	4 (0.2)	2 (0.1)	4 (0.1)
Heterosexual (2)	12 (0.3)	7 (0.4)	11 (0.6)	17 (0.8)	25 (1.1)	26 (0.9)
Transfusion recipient	34 (1.0)	16 (0.9)	23 (1.3)	26 (1.3)	12 (0.5)	27 (1.0)
None of the above/Other (3)	8 (0.2)	7 (0.4)	3 (0.2)	7 (0.3)	11 (0.5)	20 (0.7)
Pediatric (0-12 years) (4)	8 (0.2)	8 (0.5)	2 (0.1)	7 (0.3)	3 (0.1)	5 (0.2)
Total	3440 (100)	1716 (100)	1769 (100)	2013 (100)	2203 (100)	2841 (100)

Transmission Category (1)	Year of Diagnosis					
	1992 No. (%)	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)	1997 No. (%)
Adult/Adolescent						
Gay or bisexual male	2588 (79.8)	1763 (76.5)	1444 (74.5)	1235 (74.8)	811 (71.2)	510 (72.3)
Injection drug user (IDU)	278 (8.6)	185 (8.0)	192 (9.9)	172 (10.4)	155 (13.6)	100 (14.2)
Gay or bisexual male IDU	272 (8.4)	275 (11.9)	232 (12.0)	175 (10.6)	113 (9.9)	54 (7.7)
Lesbian or bisexual IDU	6 (0.2)	6 (0.3)	4 (0.2)	5 (0.3)	0 (0.0)	1 (0.1)
Hemophiliac	7 (0.2)	2 (0.1)	3 (0.2)	4 (0.2)	0 (0.0)	0 (0.0)
Heterosexual (2)	50 (1.5)	37 (1.6)	34 (1.8)	32 (1.9)	29 (2.5)	21 (3.0)
Transfusion recipient	17 (0.5)	17 (0.7)	10 (0.5)	8 (0.5)	3 (0.3)	1 (0.1)
None of the above/Other (3)	22 (0.7)	16 (0.7)	16 (0.8)	21 (1.3)	28 (2.5)	18 (2.6)
Pediatric (0-12 years) (4)	2 (0.1)	3 (0.1)	3 (0.2)	0 (0.0)	0 (0.0)	0 (0.0)
Total	3242 (100)	2304 (100)	1938 (100)	1652 (100)	1139 (100)	705 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

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Table 6. AIDS Cases by Gender, Age Group and Race/Ethnicity, San Francisco, 1981-1997

Male						
	White	African		Asian/Pacific	Native	
Age (years)	No. (%)	American	Latino	Islander	American	Total
		No. (%)	No. (%)	No. (%)	No. (%)	No. (%)
0 - 12	11 (0.1)	3 (0.1)	5 (0.2)	3 (0.5)	0 (0.0)	22 (0.1)
13 - 19	10 (0.1)	1 (0.0)	11 (0.4)	2 (0.3)	1 (1.0)	25 (0.1)
20 - 24	289 (1.6)	55 (2.2)	78 (3.2)	16 (2.6)	1 (1.0)	439 (1.8)
25 - 29	1671 (9.0)	247 (10.1)	359 (14.6)	74 (12.1)	17 (17.0)	2368 (9.8)
30 - 39	8492 (45.9)	1105 (45.0)	1206 (49.2)	270 (44.3)	54 (54.0)	11127 (46.1)
40 - 49	5914 (32.0)	740 (30.1)	584 (23.8)	177 (29.0)	21 (21.0)	7436 (30.8)
50 - 59	1673 (9.0)	235 (9.6)	166 (6.8)	48 (7.9)	6 (6.0)	2128 (8.8)
60 +	440 (2.4)	71 (2.9)	44 (1.8)	20 (3.3)	0 (0.0)	575 (2.4)
Male subtotal	18500 (100)	2457 (100)	2453 (100)	610 (100)	100 (100)	24120 (100)
Female						
	White	African		Asian/Pacific	Native	
Age (years)	No. (%)	American	Latino	Islander	American	Total
		No. (%)	No. (%)	No. (%)	No. (%)	No. (%)
0 - 12	6 (1.9)	11 (3.0)	1 (0.9)	1 (2.0)	0 (0.0)	19 (2.3)
13 - 19	1 (0.3)	1 (0.3)	1 (0.9)	0 (0.0)	0 (0.0)	3 (0.4)
20 - 24	12 (3.8)	10 (2.8)	4 (3.8)	0 (0.0)	1 (10.0)	27 (3.2)
25 - 29	44 (14.1)	37 (10.2)	18 (17.0)	8 (15.7)	0 (0.0)	107 (12.7)
30 - 39	131 (41.9)	148 (40.9)	41 (38.7)	17 (33.3)	7 (70.0)	344 (40.9)
40 - 49	68 (21.7)	115 (31.8)	27 (25.5)	17 (33.3)	2 (20.0)	229 (27.2)
50 - 59	19 (6.1)	22 (6.1)	9 (8.5)	5 (9.8)	0 (0.0)	55 (6.5)
60 +	32 (10.2)	18 (5.0)	5 (4.7)	3 (5.9)	0 (0.0)	58 (6.9)
Female subtotal	313 (100)	362 (100)	106 (100)	51 (100)	10 (100)	842 (100)
Total	18813	2819	2559	661	110	24962

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Table 7. AIDS Cases by Race/Ethnicity and Year of Diagnosis, San Francisco, 1981-1997

Race/Ethnicity	Year of Diagnosis					
	< 1987 No. (%)	1987 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)	1991 No. (%)
White	2914 (84.7)	1377 (80.2)	1413 (79.9)	1587 (78.8)	1712 (77.7)	2135 (75.1)
African American	206 (6.0)	143 (8.3)	161 (9.1)	193 (9.6)	226 (10.3)	330 (11.6)
Latino	264 (7.7)	144 (8.4)	162 (9.2)	176 (8.7)	189 (8.6)	302 (10.6)
Asian/Pacific Islander	48 (1.4)	48 (2.8)	30 (1.7)	49 (2.4)	63 (2.9)	69 (2.4)
Native American	8 (0.2)	4 (0.2)	3 (0.2)	8 (0.4)	13 (0.6)	5 (0.2)
Total	3440 (100)	1716 (100)	1769 (100)	2013 (100)	2203 (100)	2841 (100)

Race/Ethnicity	Year of Diagnosis					
	1992 No. (%)	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)	1997 No. (%)
White	2365 (72.9)	1648 (71.5)	1348 (69.6)	1140 (69.0)	716 (62.9)	458 (65.0)
African American	390 (12.0)	316 (13.7)	279 (14.4)	244 (14.8)	207 (18.2)	124 (17.6)
Latino	384 (11.8)	236 (10.2)	241 (12.4)	205 (12.4)	161 (14.1)	95 (13.5)
Asian/Pacific Islander	77 (2.4)	92 (4.0)	54 (2.8)	55 (3.3)	50 (4.4)	26 (3.7)
Native American	26 (0.8)	12 (0.5)	16 (0.8)	8 (0.5)	5 (0.4)	2 (0.3)
Total	3242 (100)	2304 (100)	1938 (100)	1652 (100)	1139 (100)	705 (100)

Table 8. AIDS Cases and Cumulative Rates per 100,000 by Race/Ethnicity and Gender, San Francisco (1)

Race/Ethnicity	Male	Female	Total
	No. (Rate)	No. (Rate)	No. (Rate)
White	16559 (9568.7)	254 (154.8)	16813 (4987.3)
African American	2218 (5950.4)	327 (837.0)	2545 (3333.6)
Latino	2243 (4371.2)	92 (186.2)	2335 (2318.4)
Asian/Pacific Islander	538 (544.9)	36 (33.7)	574 (279.1)
Native American	93 (6768.6)	9 (713.7)	102 (3871.0)
Total	21651 (5972.7)	718 (198.6)	22369 (3089.8)

(1) Includes only San Francisco residents. This excludes persons diagnosed in SF who resided in other jurisdictions at the time of their AIDS diagnosis. Because of this exclusion, case numbers in this table are different from those in the other tables included in this report.

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Table 9. AIDS Incidence, Mortality, and Prevalence by Year

Year	Number of Cases Reported per Year	Number of Cases Diagnosed per Year (1)	Number of Deaths Occurred per year (1)	Number of Persons Living with AIDS (1)
1980	0	4	0	4
1981	23	30	9	25
1982	91	117	37	105
1983	226	318	136	287
1984	499	623	309	601
1985	753	953	599	955
1986	1128	1395	906	1444
1987	1465	1716	980	2180
1988	1590	1769	1163	2786
1989	1808	2013	1442	3357
1990	1963	2203	1580	3980
1991	1959	2841	1729	5092
1992	1883	3242	1819	6515
1993	4832	2304	1790	7029
1994	2215	1938	1808	7159
1995	1844	1652	1446	7365
1996	1440	1139	926	7578
1997	1243	705	320	7963
Total	24962	24962	16999	

(1) Data in recent years is incomplete due to delay in cases/deaths reporting.

Table 10. Cases by Initial AIDS-Defining Condition, San Francisco, 1981-1997

Initial AIDS-Defining Condition	Def. (1) No.	Pres. (2) No.	Total No. (%)
Bacterial infections, recurrent, < 13 years [HIV+(3)]	2	N/A(4)	2 (0.0)
Candidiasis of bronchi, trachea, or lungs	25	N/A	25 (0.1)
Candidiasis of esophagus	330	237	567 (2.3)
Cervical cancer, invasive [HIV+]	1	N/A	1 (0.0)
Coccidioidomycosis, disseminated or extrapulmonary [HIV+]	12	N/A	12 (0.0)
Cryptococcosis, extrapulmonary	464	N/A	464 (1.9)
Cryptosporidiosis, intestinal (> 1 mo. duration)	384	N/A	384 (1.5)
Cytomagalovirus (except liver, spleen, lymph nodes), > 1 month of age	262	N/A	262 (1.0)
CMV retinitis with loss of vision [HIV+]	0	176	176 (0.7)
HIV encephalopathy [HIV+]	470	N/A	470 (1.9)
Herpes simplex: chronic (> 1 mo. duration), bronchitis, pneumonitis, esophagitis	113	N/A	113 (0.5)
Histoplasmosis, disseminated or extrapulmonary [HIV+]	30	N/A	30 (0.1)
Isosporiasis, intestinal (> 1 mo. duration) [HIV+]	25	N/A	25 (0.1)
Kaposi's sarcoma (5)	2987	276	3263 (13.1)
Lymphoid interstitial pneumonia/pulmonary lymphoid hyperplasia, < 13 years	6	0	6 (0.0)
Lymphoma, Burkitt's (non-Hodgkin's) [HIV+]	108	N/A	108 (0.4)
Lymphoma, immunoblastic (non-Hodgkin's) [HIV+]	456	N/A	456 (1.8)
Lymphoma, primary in brain (5)	50	N/A	50 (0.2)
Mycobacterium avium complex or M. kansasii, disseminated or extrapulmonary	367	0	367 (1.5)
Mycobacterium tuberculosis, pulmonary [HIV+]	154	8	162 (0.6)
Mycobacterium tuberculosis, disseminated or extrapulmonary [HIV+]	156	1	157 (0.6)
Mycobacterium other species, disseminated or extrapulmonary [HIV+]	19	20	39 (0.2)
Pneumocystis carinii pneumonia	5910	680	6590 (26.4)
Pneumonia, recurrent [HIV+]	132	13	145 (0.6)
Progressive multifocal leukoencephalopathy	55	N/A	55 (0.2)
Salmonella sepsis, recurrent [HIV+]	6	N/A	6 (0.0)
Toxoplasmosis of brain, > 1 month of age	43	255	298 (1.2)
Wasting syndrome [HIV+]	807	N/A	807 (3.2)
CD4 T lymphocyte count < 200 or percent < 14 [HIV+]	9917	N/A	9917 (39.7)
Any AIDS indicator condition and HIV-negative and CD4 count < 400 (6)	5	N/A	5 (0.0)
Total	23296	1666	24962 (100)

(1) Indicator conditions diagnosed definitively (e.g. culture or biopsy proven).

(2) Indicator conditions diagnosed presumptively in a person who has laboratory evidence of HIV infection.

(3) [HIV+]: Indicator conditions that require laboratory evidence of HIV infection.

(4) N/A: Conditions which require definitive diagnoses only.

(5) Laboratory evidence of HIV infection in persons > 60 years of age.

(6) In the absence of other causes of immunocompromise.

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Table 11. Cumulative AIDS Indicator Conditions among Persons with AIDS, San Francisco, 1981-1997

AIDS Indicator Condition (1)	Total No. (%)
Bacterial infections, recurrent, < 13 years [HIV+(2)]	2 (0.0)
Candidiasis of bronchi, trachea, or lungs	102 (0.4)
Candidiasis of esophagus	1623 (6.5)
Cervical cancer, invasive [HIV+]	5 (0.0)
Coccidioidomycosis, disseminated or extrapulmonary [HIV+]	42 (0.2)
Cryptococcosis, extrapulmonary	1617 (6.5)
Cryptosporidiosis, intestinal (> 1 mo. duration)	1255 (5.0)
Cytomegalovirus (except liver, spleen, lymph nodes), > 1 month of age	2202 (8.8)
CMV retinitis with loss of vision [HIV+]	1984 (7.9)
HIV encephalopathy [HIV+]	1956 (7.8)
Herpes simplex: chronic (> 1 mo. duration), bronchitis, pneumonitis, esophagitis	344 (1.4)
Histoplasmosis, disseminated or extrapulmonary [HIV+]	142 (0.6)
Isosporiasis, intestinal (> 1 mo. duration) [HIV+]	63 (0.3)
Kaposi's sarcoma (3)	6432 (25.8)
Lymphoid interstitial pneumonia/pulmonary lymphoid hyperplasia, < 13 years	6 (0.0)
Lymphoma, Burkitt's (non-Hodgkin's) [HIV+]	532 (2.1)
Lymphoma, immunoblastic (non-Hodgkin's) [HIV+]	940 (3.8)
Lymphoma, primary in brain (3)	342 (1.4)
Mycobacterium avium complex or M. kansasii, disseminated or extrapulmonary	4871 (19.5)
Mycobacterium tuberculosis, pulmonary [HIV+]	413 (1.7)
Mycobacterium tuberculosis, disseminated or extrapulmonary [HIV+]	373 (1.5)
Mycobacterium other species, disseminated or extrapulmonary [HIV+]	308 (1.2)
Pneumocystis carinii pneumonia	10490 (42.0)
Pneumonia, recurrent [HIV+]	349 (1.4)
Progressive multifocal leukoencephalopathy	275 (1.1)
Salmonella sepsis, recurrent [HIV+]	52 (0.2)
Toxoplasmosis of brain, > 1 month of age	1082 (4.3)
Wasting syndrome [HIV+]	3264 (13.1)

(1) Cases may have more than one condition.

(2) [HIV+]: Indicator conditions that require laboratory evidence of HIV infection.

(3) Laboratory evidence of HIV infection in persons > 60 years of age.

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AIDS Cases Reported Through March 1998

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AIDS REPORTED CASES

(From 07/81 to 03/31/98)¹

San Francisco

Cumulative cases:	25,221
Cumulative deaths:	17,198
Cases reported this quarter:	283
Deaths reported this quarter:	211

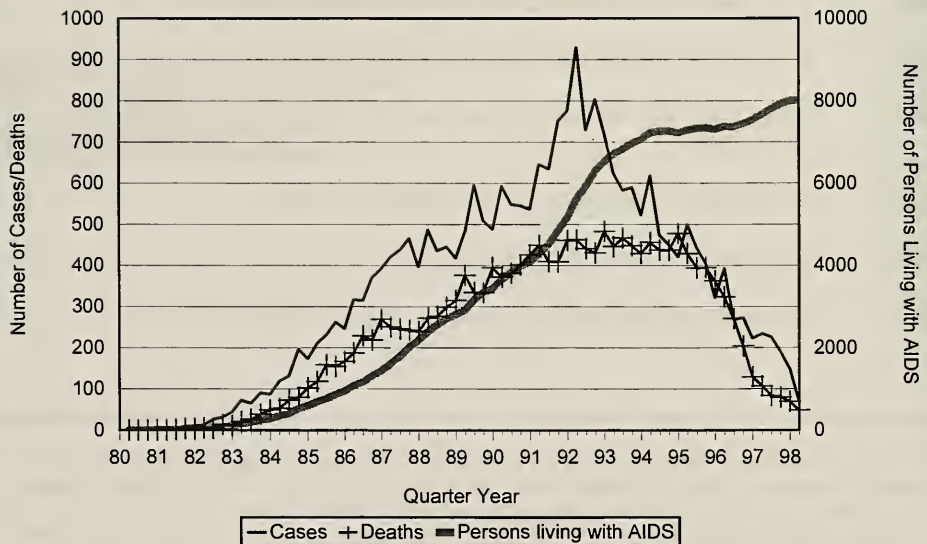
California (as of 03/31/98)

Cumulative cases:	105,885
Cumulative deaths:	66,765

United States (as of 06/30/97)

Cumulative cases:	612,078
Cumulative deaths:	379,258

San Francisco AIDS Incidence, Mortality, and Prevalence by Quarter Year, 1980-1998²



1. Includes SF residents diagnosed in SF, SF residents diagnosed in other jurisdictions, and persons diagnosed in SF who resided in other jurisdictions at the time of their AIDS diagnosis.
2. Reporting for recent quarters is incomplete.

Table 1. AIDS Cases by Transmission Category and Gender, San Francisco, 1981-1998

Transmission Category (1)	Male	Female	Total
	No. (%)	No. (%)	No. (%)
Adult/Adolescent			
Gay or bisexual male	20202 (82.9)	0 (0.0)	20202 (80.1)
Injection drug user (IDU)	1190 (4.9)	448 (52.2)	1638 (6.5)
Gay or bisexual male IDU	2587 (10.6)	0 (0.0)	2587 (10.3)
Lesbian or bisexual IDU	0 (0.0)	32 (3.7)	32 (0.1)
Hemophiliac	38 (0.2)	1 (0.1)	39 (0.2)
Heterosexual (2)	63 (0.3)	243 (28.3)	306 (1.2)
Transfusion recipient	113 (0.5)	82 (9.6)	195 (0.8)
None of the above/Other (3)	147 (0.6)	33 (3.8)	180 (0.7)
Pediatric (0-12 years) (4)	23 (0.1)	19 (2.2)	42 (0.2)
Total	24363 (100)	858 (100)	25221 (100)

Table 2. AIDS Cases by Gender and Year of Diagnosis, San Francisco, 1981-1998

Gender	Year of Diagnosis					
	< 1988 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)	1991 No. (%)	1992 No. (%)
Male	5114 (99.1)	1748 (97.8)	2014 (97.1)	2168 (97.4)	2728 (97.2)	3058 (96.0)
Female	49 (0.9)	39 (2.2)	61 (2.9)	57 (2.6)	80 (2.8)	126 (4.0)
Total	5163 (100)	1787 (100)	2075 (100)	2225 (100)	2808 (100)	3184 (100)

Gender	Year of Diagnosis					
	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)	1997 No. (%)	1998 No. (%)
Male	2218 (95.6)	1854 (94.4)	1582 (94.8)	1072 (92.6)	743 (92.8)	64 (92.8)
Female	101 (4.4)	109 (5.6)	87 (5.2)	86 (7.4)	58 (7.2)	5 (7.2)
Total	2319 (100)	1963 (100)	1669 (100)	1158 (100)	801 (100)	69 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

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Table 3. AIDS Cases by Transmission Category and Race/Ethnicity, San Francisco, 1981-1998

Transmission Category (1)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/Pacific Islander No. (%)	Native American No. (%)
Adult/Adolescent					
Gay or bisexual male	16125 (84.9)	1471 (51.5)	2010 (77.5)	531 (78.9)	65 (58.0)
Injection drug user (IDU)	593 (3.1)	792 (27.7)	207 (8.0)	32 (4.8)	14 (12.5)
Gay or bisexual male IDU	1918 (10.1)	381 (13.3)	227 (8.8)	33 (4.9)	28 (25.0)
Lesbian or bisexual IDU	14 (0.1)	13 (0.5)	3 (0.1)	1 (0.1)	1 (0.9)
Hemophiliac	25 (0.1)	2 (0.1)	8 (0.3)	4 (0.6)	0 (0.0)
Heterosexual (2)	122 (0.6)	100 (3.5)	57 (2.2)	25 (3.7)	2 (1.8)
Transfusion recipient	105 (0.6)	30 (1.0)	30 (1.2)	30 (4.5)	0 (0.0)
None of the above/Other (3)	64 (0.3)	56 (2.0)	45 (1.7)	13 (1.9)	2 (1.8)
Pediatric (0-12 years) (4)	17 (0.1)	14 (0.5)	7 (0.3)	4 (0.6)	0 (0.0)
Total	18983 (100)	2859 (100)	2594 (100)	673 (100)	112 (100)

Table 4. AIDS Cases by Transmission Category and Asian/Pacific Islander Ethnicity, San Francisco, 1981-1998

Transmission Category (1)	Chinese No. (%)	Japanese No. (%)	Filipino No. (%)	Southeast Asian No. (%)	Korean No. (%)	Pacific Islander No. (%)	Other No. (%)
Adult/Adolescent							
Gay or bisexual male	142 (79.8)	79 (86.8)	193 (79.1)	38 (80.9)	9 (75.0)	33 (58.9)	37 (82.2)
Injection drug user (IDU)	6 (3.4)	2 (2.2)	6 (2.5)	4 (8.5)	2 (16.7)	8 (14.3)	4 (8.9)
Gay or bisexual male IDU	4 (2.2)	4 (4.4)	16 (6.6)	2 (4.3)	0 (0.0)	4 (7.1)	3 (6.7)
Lesbian or bisexual IDU	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (1.8)	0 (0.0)
Hemophiliac	1 (0.6)	1 (1.1)	1 (0.4)	0 (0.0)	0 (0.0)	1 (1.8)	0 (0.0)
Heterosexual (2)	2 (1.1)	2 (2.2)	12 (4.9)	2 (4.3)	1 (8.3)	5 (8.9)	1 (2.2)
Transfusion recipient	15 (8.4)	3 (3.3)	10 (4.1)	1 (2.1)	0 (0.0)	1 (1.8)	0 (0.0)
None of the above/Other (3)	6 (3.4)	0 (0.0)	5 (2.0)	0 (0.0)	0 (0.0)	2 (3.6)	0 (0.0)
Pediatric (0-12 years) (4)	2 (1.1)	0 (0.0)	1 (0.4)	0 (0.0)	0 (0.0)	1 (1.8)	0 (0.0)
Total	178 (100)	91 (100)	244 (100)	47 (100)	12 (100)	56 (100)	45 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

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Table 5. AIDS Cases by Transmission Category and Year of Diagnosis, San Francisco, 1981-1998

Transmission Category (1)	Year of Diagnosis					
	< 1988 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)	1991 No. (%)	1992 No. (%)
Adult/Adolescent						
Gay or bisexual male	4322 (83.7)	1527 (85.5)	1742 (84.0)	1871 (84.1)	2262 (80.6)	2530 (79.5)
Injection drug user (IDU)	84 (1.6)	63 (3.5)	102 (4.9)	114 (5.1)	190 (6.8)	263 (8.3)
Gay or bisexual male IDU	645 (12.5)	155 (8.7)	169 (8.1)	181 (8.1)	272 (9.7)	289 (9.1)
Lesbian or bisexual IDU	2 (0.0)	0 (0.0)	2 (0.1)	3 (0.1)	2 (0.1)	7 (0.2)
Hemophiliac	10 (0.2)	3 (0.2)	4 (0.2)	2 (0.1)	4 (0.1)	7 (0.2)
Heterosexual (2)	19 (0.4)	11 (0.6)	17 (0.8)	26 (1.2)	27 (1.0)	49 (1.5)
Transfusion recipient	50 (1.0)	23 (1.3)	25 (1.2)	13 (0.6)	27 (1.0)	16 (0.5)
None of the above/Other (3)	15 (0.3)	3 (0.2)	7 (0.3)	12 (0.5)	19 (0.7)	21 (0.7)
Pediatric (0-12 years) (4)	16 (0.3)	2 (0.1)	7 (0.3)	3 (0.1)	5 (0.2)	2 (0.1)
Total	5163 (100)	1787 (100)	2075 (100)	2225 (100)	2808 (100)	3184 (100)

Transmission Category (1)	Year of Diagnosis					
	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)	1997 No. (%)	1998 No. (%)
Adult/Adolescent						
Gay or bisexual male	1778 (76.7)	1466 (74.7)	1253 (75.1)	818 (70.6)	580 (72.4)	53 (76.8)
Injection drug user (IDU)	184 (7.9)	192 (9.8)	172 (10.3)	157 (13.6)	108 (13.5)	9 (13.0)
Gay or bisexual male IDU	275 (11.9)	234 (11.9)	175 (10.5)	122 (10.5)	65 (8.1)	5 (7.2)
Lesbian or bisexual IDU	6 (0.3)	4 (0.2)	5 (0.3)	0 (0.0)	1 (0.1)	0 (0.0)
Hemophiliac	2 (0.1)	3 (0.2)	4 (0.2)	0 (0.0)	0 (0.0)	0 (0.0)
Heterosexual (2)	38 (1.6)	34 (1.7)	32 (1.9)	30 (2.6)	22 (2.7)	1 (1.4)
Transfusion recipient	17 (0.7)	10 (0.5)	8 (0.5)	3 (0.3)	3 (0.4)	0 (0.0)
None of the above/Other (3)	16 (0.7)	17 (0.9)	20 (1.2)	28 (2.4)	21 (2.6)	1 (1.4)
Pediatric (0-12 years) (4)	3 (0.1)	3 (0.2)	0 (0.0)	0 (0.0)	1 (0.1)	0 (0.0)
Total	2319 (100)	1963 (100)	1669 (100)	1158 (100)	801 (100)	69 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

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Table 6. AIDS Cases by Gender, Age Group and Race/Ethnicity, San Francisco, 1981-1998

Male						
Age (years)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/Pacific Islander No. (%)	Native American No. (%)	Total No. (%)
0 - 12	11 (0.1)	3 (0.1)	6 (0.2)	3 (0.5)	0 (0.0)	23 (0.1)
13 - 19	10 (0.1)	1 (0.0)	11 (0.4)	2 (0.3)	1 (1.0)	25 (0.1)
20 - 24	289 (1.5)	55 (2.2)	78 (3.1)	16 (2.6)	2 (2.0)	440 (1.8)
25 - 29	1686 (9.0)	254 (10.2)	366 (14.7)	75 (12.1)	17 (16.7)	2398 (9.8)
30 - 39	8565 (45.9)	1116 (44.9)	1222 (49.2)	274 (44.1)	54 (52.9)	11231 (46.1)
40 - 49	5977 (32.0)	752 (30.2)	589 (23.7)	180 (29.0)	22 (21.6)	7520 (30.9)
50 - 59	1687 (9.0)	235 (9.4)	169 (6.8)	50 (8.1)	6 (5.9)	2147 (8.8)
60 +	443 (2.4)	71 (2.9)	44 (1.8)	21 (3.4)	0 (0.0)	579 (2.4)
Male subtotal	18668 (100)	2487 (100)	2485 (100)	621 (100)	102 (100)	24363 (100)
Female						
Age (years)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/Pacific Islander No. (%)	Native American No. (%)	Total No. (%)
0 - 12	6 (1.9)	11 (3.0)	1 (0.9)	1 (1.9)	0 (0.0)	19 (2.2)
13 - 19	1 (0.3)	1 (0.3)	1 (0.9)	0 (0.0)	0 (0.0)	3 (0.3)
20 - 24	12 (3.8)	10 (2.7)	4 (3.7)	0 (0.0)	1 (10.0)	27 (3.1)
25 - 29	44 (14.0)	37 (9.9)	19 (17.4)	10 (19.2)	0 (0.0)	110 (12.8)
30 - 39	133 (42.2)	153 (41.1)	42 (38.5)	16 (30.8)	7 (70.0)	351 (40.9)
40 - 49	68 (21.6)	120 (32.3)	27 (24.8)	17 (32.7)	2 (20.0)	234 (27.3)
50 - 59	19 (6.0)	22 (5.9)	10 (9.2)	5 (9.6)	0 (0.0)	56 (6.5)
60 +	32 (10.2)	18 (4.8)	5 (4.6)	3 (5.8)	0 (0.0)	58 (6.8)
Female subtotal	315 (100)	372 (100)	109 (100)	52 (100)	10 (100)	858 (100)
Total	18983	2859	2594	673	112	25221

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Table 7. AIDS Cases by Race/Ethnicity and Year of Diagnosis, San Francisco, 1981-1998

Race/Ethnicity	Year of Diagnosis					
	< 1988 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)	1991 No. (%)	1992 No. (%)
White	4298 (83.2)	1428 (79.9)	1633 (78.7)	1728 (77.7)	2104 (74.9)	2322 (72.9)
African American	350 (6.8)	164 (9.2)	202 (9.7)	224 (10.1)	329 (11.7)	380 (11.9)
Latino	407 (7.9)	162 (9.1)	180 (8.7)	197 (8.9)	300 (10.7)	379 (11.9)
Asian/Pacific Islander	96 (1.9)	30 (1.7)	51 (2.5)	63 (2.8)	70 (2.5)	77 (2.4)
Native American	12 (0.2)	3 (0.2)	9 (0.4)	13 (0.6)	5 (0.2)	26 (0.8)
Total	5163 (100)	1787 (100)	2075 (100)	2225 (100)	2808 (100)	3184 (100)

Race/Ethnicity	Year of Diagnosis					
	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)	1997 No. (%)	1998 No. (%)
White	1661 (71.6)	1369 (69.7)	1152 (69.0)	726 (62.7)	520 (64.9)	42 (60.9)
African American	317 (13.7)	280 (14.3)	247 (14.8)	214 (18.5)	139 (17.4)	13 (18.8)
Latino	237 (10.2)	242 (12.3)	206 (12.3)	163 (14.1)	110 (13.7)	11 (15.9)
Asian/Pacific Islander	92 (4.0)	55 (2.8)	56 (3.4)	51 (4.4)	29 (3.6)	3 (4.3)
Native American	12 (0.5)	17 (0.9)	8 (0.5)	4 (0.3)	3 (0.4)	0 (0.0)
Total	2319 (100)	1963 (100)	1669 (100)	1158 (100)	801 (100)	69 (100)

Table 8. AIDS Cases and Cumulative Rates per 100,000 by Race/Ethnicity and Gender, San Francisco (1)

Race/Ethnicity	Male	Female	Total
	No. (Rate)	No. (Rate)	No. (Rate)
White	16699 (9649.6)	255 (155.4)	16954 (5029.1)
African American	2246 (6025.5)	336 (860.0)	2582 (3382.1)
Latino	2270 (4423.8)	94 (190.3)	2364 (2347.2)
Asian/Pacific Islander	547 (554.0)	36 (33.7)	583 (283.4)
Native American	94 (6841.3)	9 (713.7)	103 (3908.9)
Total	21856 (6029.3)	730 (202.0)	22586 (3119.8)

(1) Includes only San Francisco residents. This excludes persons diagnosed in SF who resided in other jurisdictions at the time of their AIDS diagnosis. Because of this exclusion, case numbers in this table are different from those in the other tables included in this report.

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Table 9. AIDS Incidence, Mortality, and Prevalence by Year

Year	Number of Cases Reported per Year	Number of Cases Diagnosed per Year (1)	Number of Deaths Occurred per year (1)	Number of Persons Living with AIDS (1)
1980	0	4	0	4
1981	23	30	9	25
1982	91	117	37	105
1983	226	318	136	287
1984	499	623	309	601
1985	753	953	599	955
1986	1128	1396	905	1446
1987	1465	1722	980	2188
1988	1588	1787	1163	2812
1989	1808	2075	1439	3448
1990	1960	2225	1580	4093
1991	1957	2808	1729	5172
1992	1883	3184	1817	6539
1993	4828	2319	1790	7068
1994	2213	1963	1808	7223
1995	1843	1669	1581	7311
1996	1434	1158	928	7541
1997	1239	801	340	8002
1998	283	69	48	8023
Total	25221	25221	17198	

(1) Data in recent years is incomplete due to delay in cases/deaths reporting.

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Table 10. Cases by Initial AIDS-Defining Condition, San Francisco, 1981-1998

Initial AIDS-Defining Condition	Def.(1) No.	Pres.(2) No.	Total No. (%)
Bacterial infections, recurrent, < 13 years [HIV+(3)]	2	N/A(4)	2 (0.0)
Candidiasis of bronchi, trachea, or lungs	26	N/A	26 (0.1)
Candidiasis of esophagus	331	237	568 (2.3)
Cervical cancer, invasive [HIV+]	2	N/A	2 (0.0)
Coccidioidomycosis, disseminated or extrapulmonary [HIV+]	12	N/A	12 (0.0)
Cryptococcosis, extrapulmonary	456	N/A	456 (1.8)
Cryptosporidiosis, intestinal (> 1 mo. duration)	377	N/A	377 (1.5)
Cytomegalovirus (except liver, spleen, lymph nodes), > 1 month of age	261	N/A	261 (1.0)
CMV retinitis with loss of vision [HIV+]	0	173	173 (0.7)
HIV encephalopathy [HIV+]	472	N/A	472 (1.9)
Herpes simplex: chronic (> 1 mo. duration), bronchitis, pneumonitis, esophagitis	110	N/A	110 (0.4)
Histoplasmosis, disseminated or extrapulmonary [HIV+]	30	N/A	30 (0.1)
Isosporiasis, intestinal (> 1 mo. duration) [HIV+]	24	N/A	24 (0.1)
Kaposi's sarcoma (5)	2986	277	3263 (12.9)
Lymphoid interstitial pneumonia/pulmonary lymphoid hyperplasia, < 13 years	6	0	6 (0.0)
Lymphoma, Burkitt's (non-Hodgkin's) [HIV+]	107	N/A	107 (0.4)
Lymphoma, immunoblastic (non-Hodgkin's) [HIV+]	458	N/A	458 (1.8)
Lymphoma, primary in brain (5)	50	N/A	50 (0.2)
Mycobacterium avium complex or M. kansasii, disseminated or extrapulmonary	364	0	364 (1.4)
Mycobacterium tuberculosis, pulmonary [HIV+]	156	8	164 (0.7)
Mycobacterium tuberculosis, disseminated or extrapulmonary [HIV+]	155	1	156 (0.6)
Mycobacterium other species, disseminated or extrapulmonary [HIV+]	19	20	39 (0.2)
Pneumocystis carinii pneumonia	5883	671	6554 (26.0)
Pneumonia, recurrent [HIV+]	145	13	158 (0.6)
Progressive multifocal leukoencephalopathy	54	N/A	54 (0.2)
Salmonella sepsis, recurrent [HIV+]	6	N/A	6 (0.0)
Toxoplasmosis of brain, > 1 month of age	42	250	292 (1.2)
Wasting syndrome [HIV+]	781	N/A	781 (3.1)
CD4 T lymphocyte count < 200 or percent < 14 [HIV+]	10251	N/A	10251 (40.6)
Any AIDS indicator condition and HIV-negative and CD4 count < 400 (6)	5	N/A	5 (0.0)
Total	23571	1650	25221 (100)

(1) Indicator conditions diagnosed definitively (e.g. culture or biopsy proven).

(2) Indicator conditions diagnosed presumptively in a person who has laboratory evidence of HIV infection.

(3) [HIV+]: Indicator conditions that require laboratory evidence of HIV infection.

(4) N/A: Conditions which require definitive diagnoses only.

(5) Laboratory evidence of HIV infection in persons > 60 years of age.

(6) In the absence of other causes of immunocompromise.

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Table 11. Cumulative AIDS Indicator Conditions among Persons with AIDS, San Francisco, 1981-1998

AIDS Indicator Condition (1)	Total No. (%)
Bacterial infections, recurrent, < 13 years [HIV+(2)]	2 (0.0)
Candidiasis of bronchi, trachea, or lungs	105 (0.4)
Candidiasis of esophagus	1692 (6.7)
Cervical cancer, invasive [HIV+]	6 (0.0)
Coccidioidomycosis, disseminated or extrapulmonary [HIV+]	42 (0.2)
Cryptococcosis, extrapulmonary	1622 (6.4)
Cryptosporidiosis, intestinal (> 1 mo. duration)	1265 (5.0)
Cytomegalovirus (except liver, spleen, lymph nodes), > 1 month of age	2249 (8.9)
CMV retinitis with loss of vision [HIV+]	2038 (8.1)
HIV encephalopathy [HIV+]	2000 (7.9)
Herpes simplex: chronic (> 1 mo. duration), bronchitis, pneumonitis, esophagitis	349 (1.4)
Histoplasmosis, disseminated or extrapulmonary [HIV+]	141 (0.6)
Isosporiasis, intestinal (> 1 mo. duration) [HIV+]	63 (0.2)
Kaposi's sarcoma (3)	6497 (25.8)
Lymphoid interstitial pneumonia/pulmonary lymphoid hyperplasia, < 13 years	6 (0.0)
Lymphoma, Burkitt's (non-Hodgkin's) [HIV+]	519 (2.1)
Lymphoma, immunoblastic (non-Hodgkin's) [HIV+]	963 (3.8)
Lymphoma, primary in brain (3)	343 (1.4)
Mycobacterium avium complex or M. kansasii, disseminated or extrapulmonary	4908 (19.5)
Mycobacterium tuberculosis, pulmonary [HIV+]	428 (1.7)
Mycobacterium tuberculosis, disseminated or extrapulmonary [HIV+]	377 (1.5)
Mycobacterium other species, disseminated or extrapulmonary [HIV+]	312 (1.2)
Pneumocystis carinii pneumonia	10567 (41.9)
Pneumonia, recurrent [HIV+]	401 (1.6)
Progressive multifocal leukoencephalopathy	278 (1.1)
Salmonella sepsis, recurrent [HIV+]	52 (0.2)
Toxoplasmosis of brain, > 1 month of age	1090 (4.3)
Wasting syndrome [HIV+]	3332 (13.2)

(1) Cases may have more than one condition.

(2) [HIV+]: Indicator conditions that require laboratory evidence of HIV infection.

(3) Laboratory evidence of HIV infection in persons > 60 years of age.

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AIDS SURVEILLANCE REPORT

San Francisco Department of Public Health

AIDS Cases Reported Through June 1998

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AIDS REPORTED CASES

(From 07/81 to 06/30/98)¹

San Francisco

Cumulative cases:	25,494
Cumulative deaths:	17,573
Cases reported this quarter:	287
Deaths reported this quarter:	381

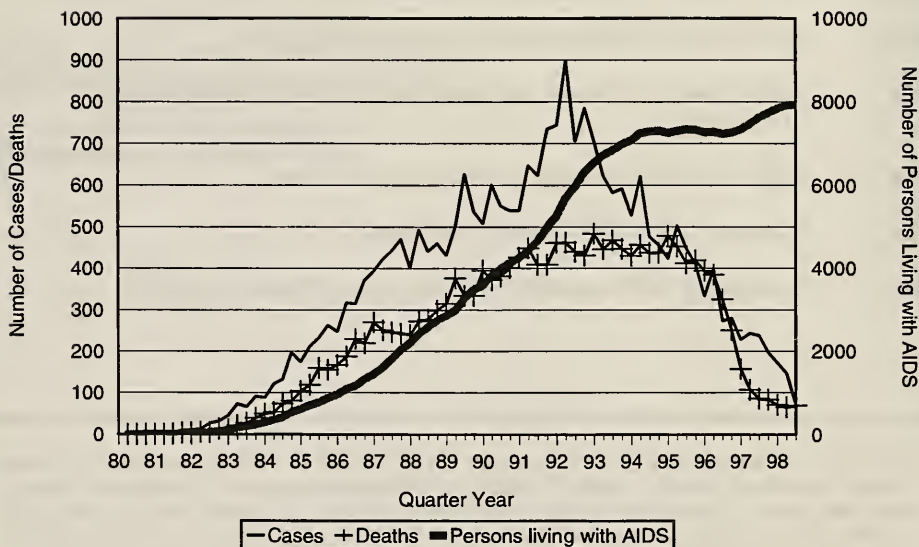
California (as of 06/30/98)

Cumulative cases:	107,415
Cumulative deaths:	67,493

United States (as of 12/31/97)

Cumulative cases:	641,086
Cumulative deaths:	390,692

San Francisco AIDS Incidence, Mortality, and Prevalence by Quarter Year, 1980-1998²



1. Includes SF residents diagnosed in SF, SF residents diagnosed in other jurisdictions, and persons diagnosed in SF who resided in other jurisdictions at the time of their AIDS diagnosis.
2. Reporting for recent quarters is incomplete.

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Table 1. AIDS Cases by Transmission Category and Gender, San Francisco, 1981-1998

Transmission Category (1)	Male		Female		Total	
	No.	(%)	No.	(%)	No.	(%)
Adult/Adolescent						
Gay or bisexual male	20353	(82.7)	0	(0.0)	20353	(79.8)
Injection drug user (IDU)	1214	(4.9)	462	(52.5)	1676	(6.6)
Gay or bisexual male IDU	2660	(10.8)	0	(0.0)	2660	(10.4)
Lesbian or bisexual IDU	0	(0.0)	33	(3.8)	33	(0.1)
Hemophiliac	38	(0.2)	1	(0.1)	39	(0.2)
Heterosexual (2)	66	(0.3)	246	(28.0)	312	(1.2)
Transfusion recipient	113	(0.5)	83	(9.4)	196	(0.8)
None of the above/Other (3)	147	(0.6)	34	(3.9)	181	(0.7)
Pediatric (0-12 years) (4)	23	(0.1)	21	(2.4)	44	(0.2)
Total	24614	(100)	880	(100)	25494	(100)

Table 2. AIDS Cases by Gender and Year of Diagnosis, San Francisco, 1981-1998

Gender	Year of Diagnosis					
	< 1988 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)	1991 No. (%)	1992 No. (%)
Male	5130 (99.1)	1786 (97.9)	2109 (97.1)	2169 (97.3)	2668 (97.1)	2971 (96.1)
Female	49 (0.9)	39 (2.1)	63 (2.9)	60 (2.7)	81 (2.9)	122 (3.9)
Total	5179 (100)	1825 (100)	2172 (100)	2229 (100)	2749 (100)	3093 (100)

Gender	Year of Diagnosis					
	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)	1997 No. (%)	1998 No. (%)
Male	2224 (95.7)	1868 (94.5)	1606 (94.7)	1093 (92.5)	790 (92.9)	200 (91.3)
Female	101 (4.3)	109 (5.5)	89 (5.3)	88 (7.5)	60 (7.1)	19 (8.7)
Total	2325 (100)	1977 (100)	1695 (100)	1181 (100)	850 (100)	219 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

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Table 3. AIDS Cases by Transmission Category and Race/Ethnicity, San Francisco, 1981-1998

Transmission Category (1)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/Pacific Islander No. (%)	Native American No. (%)
Adult/Adolescent					
Gay or bisexual male	16243 (84.8)	1487 (51.1)	2019 (77.2)	539 (78.5)	65 (56.0)
Injection drug user (IDU)	607 (3.2)	810 (27.8)	212 (8.1)	32 (4.7)	15 (12.9)
Gay or bisexual male IDU	1962 (10.2)	395 (13.6)	235 (9.0)	37 (5.4)	31 (26.7)
Lesbian or bisexual IDU	15 (0.1)	13 (0.4)	3 (0.1)	1 (0.1)	1 (0.9)
Hemophiliac	25 (0.1)	2 (0.1)	8 (0.3)	4 (0.6)	0 (0.0)
Heterosexual (2)	124 (0.6)	104 (3.6)	56 (2.1)	26 (3.8)	2 (1.7)
Transfusion recipient	106 (0.6)	30 (1.0)	30 (1.1)	30 (4.4)	0 (0.0)
None of the above/Other (3)	66 (0.3)	54 (1.9)	45 (1.7)	14 (2.0)	2 (1.7)
Pediatric (0-12 years) (4)	16 (0.1)	16 (0.5)	8 (0.3)	4 (0.6)	0 (0.0)
Total	19164 (100)	2911 (100)	2616 (100)	687 (100)	116 (100)

Table 4. AIDS Cases by Transmission Category and Asian/Pacific Islander Ethnicity, San Francisco, 1981-1998

Transmission Category (1)	Chinese No. (%)	Japanese No. (%)	Filipino No. (%)	Southeast Asian No. (%)	Korean No. (%)	Pacific Islander No. (%)	Other No. (%)
Adult/Adolescent							
Gay or bisexual male	143 (79.4)	80 (87.0)	196 (78.7)	39 (79.6)	9 (75.0)	33 (57.9)	39 (81.3)
Injection drug user (IDU)	6 (3.3)	2 (2.2)	6 (2.4)	4 (8.2)	2 (16.7)	8 (14.0)	4 (8.3)
Gay or bisexual male IDU	5 (2.8)	4 (4.3)	17 (6.8)	3 (6.1)	0 (0.0)	5 (8.8)	3 (6.3)
Lesbian or bisexual IDU	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (1.8)	0 (0.0)
Hemophiliac	1 (0.6)	1 (1.1)	1 (0.4)	0 (0.0)	0 (0.0)	1 (1.8)	0 (0.0)
Heterosexual (2)	2 (1.1)	2 (2.2)	12 (4.8)	2 (4.1)	1 (8.3)	5 (8.8)	2 (4.2)
Transfusion recipient	15 (8.3)	3 (3.3)	10 (4.0)	1 (2.0)	0 (0.0)	1 (1.8)	0 (0.0)
None of the above/Other (3)	6 (3.3)	0 (0.0)	6 (2.4)	0 (0.0)	0 (0.0)	2 (3.5)	0 (0.0)
Pediatric (0-12 years) (4)	2 (1.1)	0 (0.0)	1 (0.4)	0 (0.0)	0 (0.0)	1 (1.8)	0 (0.0)
Total	180 (100)	92 (100)	249 (100)	49 (100)	12 (100)	57 (100)	48 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

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Table 5. AIDS Cases by Transmission Category and Year of Diagnosis, San Francisco, 1981-1998

Transmission Category (1)	Year of Diagnosis					
	< 1988 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)	1991 No. (%)	1992 No. (%)
Adult/Adolescent						
Gay or bisexual male	4337 (83.7)	1558 (85.4)	1826 (84.1)	1861 (83.5)	2199 (80.0)	2438 (78.8)
Injection drug user (IDU)	84 (1.6)	65 (3.6)	103 (4.7)	117 (5.2)	193 (7.0)	257 (8.3)
Gay or bisexual male IDU	646 (12.5)	160 (8.8)	179 (8.2)	191 (8.6)	276 (10.0)	300 (9.7)
Lesbian or bisexual IDU	2 (0.0)	0 (0.0)	2 (0.1)	3 (0.1)	2 (0.1)	7 (0.2)
Hemophiliac	10 (0.2)	3 (0.2)	4 (0.2)	2 (0.1)	4 (0.1)	7 (0.2)
Heterosexual (2)	19 (0.4)	11 (0.6)	18 (0.8)	27 (1.2)	27 (1.0)	46 (1.5)
Transfusion recipient	50 (1.0)	23 (1.3)	26 (1.2)	13 (0.6)	26 (0.9)	16 (0.5)
None of the above/Other (3)	15 (0.3)	3 (0.2)	7 (0.3)	12 (0.5)	17 (0.6)	20 (0.6)
Pediatric (0-12 years) (4)	16 (0.3)	2 (0.1)	7 (0.3)	3 (0.1)	5 (0.2)	2 (0.1)
Total	5179 (100)	1825 (100)	2172 (100)	2229 (100)	2749 (100)	3093 (100)

Transmission Category (1)	Year of Diagnosis					
	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)	1997 No. (%)	1998 No. (%)
Adult/Adolescent						
Gay or bisexual male	1783 (76.7)	1476 (74.7)	1269 (74.9)	837 (70.9)	617 (72.6)	152 (69.4)
Injection drug user (IDU)	184 (7.9)	192 (9.7)	174 (10.3)	159 (13.5)	113 (13.3)	35 (16.0)
Gay or bisexual male IDU	276 (11.9)	238 (12.0)	180 (10.6)	124 (10.5)	69 (8.1)	21 (9.6)
Lesbian or bisexual IDU	6 (0.3)	4 (0.2)	5 (0.3)	0 (0.0)	1 (0.1)	1 (0.5)
Hemophiliac	2 (0.1)	3 (0.2)	4 (0.2)	0 (0.0)	0 (0.0)	0 (0.0)
Heterosexual (2)	38 (1.6)	34 (1.7)	33 (1.9)	29 (2.5)	23 (2.7)	7 (3.2)
Transfusion recipient	17 (0.7)	10 (0.5)	8 (0.5)	4 (0.3)	3 (0.4)	0 (0.0)
None of the above/Other (3)	16 (0.7)	17 (0.9)	21 (1.2)	27 (2.3)	23 (2.7)	3 (1.4)
Pediatric (0-12 years) (4)	3 (0.1)	3 (0.2)	1 (0.1)	1 (0.1)	1 (0.1)	0 (0.0)
Total	2325 (100)	1977 (100)	1695 (100)	1181 (100)	850 (100)	219 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

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Table 6. AIDS Cases by Gender, Age Group and Race/Ethnicity, San Francisco, 1981-1998

Male						
Age (years)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/Pacific Islander No. (%)	Native American No. (%)	Total No. (%)
0 - 12	10 (0.1)	4 (0.2)	6 (0.2)	3 (0.5)	0 (0.0)	23 (0.1)
13 - 19	11 (0.1)	1 (0.0)	11 (0.4)	2 (0.3)	1 (0.9)	26 (0.1)
20 - 24	292 (1.5)	56 (2.2)	82 (3.3)	17 (2.7)	2 (1.9)	449 (1.8)
25 - 29	1702 (9.0)	256 (10.1)	372 (14.9)	76 (12.0)	16 (15.1)	2422 (9.8)
30 - 39	8654 (45.9)	1129 (44.6)	1228 (49.1)	278 (43.9)	57 (53.8)	11346 (46.1)
40 - 49	6026 (32.0)	770 (30.4)	591 (23.6)	185 (29.2)	23 (21.7)	7595 (30.9)
50 - 59	1702 (9.0)	242 (9.6)	169 (6.8)	51 (8.1)	7 (6.6)	2171 (8.8)
60 +	445 (2.4)	72 (2.8)	44 (1.8)	21 (3.3)	0 (0.0)	582 (2.4)
Male subtotal	18842 (100)	2530 (100)	2503 (100)	633 (100)	106 (100)	24614 (100)
Female						
Age (years)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/Pacific Islander No. (%)	Native American No. (%)	Total No. (%)
0 - 12	6 (1.9)	12 (3.1)	2 (1.8)	1 (1.9)	0 (0.0)	21 (2.4)
13 - 19	1 (0.3)	1 (0.3)	1 (0.9)	0 (0.0)	0 (0.0)	3 (0.3)
20 - 24	12 (3.7)	10 (2.6)	4 (3.5)	0 (0.0)	1 (10.0)	27 (3.1)
25 - 29	45 (14.0)	38 (10.0)	20 (17.7)	11 (20.4)	0 (0.0)	114 (13.0)
30 - 39	137 (42.5)	157 (41.2)	43 (38.1)	16 (29.6)	7 (70.0)	360 (40.9)
40 - 49	69 (21.4)	122 (32.0)	28 (24.8)	17 (31.5)	2 (20.0)	238 (27.0)
50 - 59	19 (5.9)	23 (6.0)	10 (8.8)	5 (9.3)	0 (0.0)	57 (6.5)
60 +	33 (10.2)	18 (4.7)	5 (4.4)	4 (7.4)	0 (0.0)	60 (6.8)
Female subtotal	322 (100)	381 (100)	113 (100)	54 (100)	10 (100)	880 (100)
Total	19164	2911	2616	687	116	25494

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Table 7. AIDS Cases by Race/Ethnicity and Year of Diagnosis, San Francisco, 1981-1998

Race/Ethnicity	Year of Diagnosis					
	< 1988 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)	1991 No. (%)	1992 No. (%)
White	4312 (83.3)	1463 (80.2)	1708 (78.6)	1729 (77.6)	2057 (74.8)	2247 (72.6)
African American	350 (6.8)	166 (9.1)	209 (9.6)	227 (10.2)	331 (12.0)	367 (11.9)
Latino	409 (7.9)	163 (8.9)	193 (8.9)	194 (8.7)	287 (10.4)	377 (12.2)
Asian/Pacific Islander	96 (1.9)	30 (1.6)	53 (2.4)	64 (2.9)	69 (2.5)	77 (2.5)
Native American	12 (0.2)	3 (0.2)	9 (0.4)	15 (0.7)	5 (0.2)	25 (0.8)
Total	5179 (100)	1825 (100)	2172 (100)	2229 (100)	2749 (100)	3093 (100)

Race/Ethnicity	Year of Diagnosis					
	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)	1997 No. (%)	1998 No. (%)
White	1667 (71.7)	1380 (69.8)	1167 (68.8)	742 (62.8)	557 (65.5)	135 (61.6)
African American	317 (13.6)	281 (14.2)	252 (14.9)	219 (18.5)	146 (17.2)	46 (21.0)
Latino	237 (10.2)	244 (12.3)	209 (12.3)	164 (13.9)	114 (13.4)	25 (11.4)
Asian/Pacific Islander	92 (4.0)	55 (2.8)	59 (3.5)	52 (4.4)	30 (3.5)	10 (4.6)
Native American	12 (0.5)	17 (0.9)	8 (0.5)	4 (0.3)	3 (0.4)	3 (1.4)
Total	2325 (100)	1977 (100)	1695 (100)	1181 (100)	850 (100)	219 (100)

Table 8. AIDS Cases and Cumulative Rates per 100,000 by Race/Ethnicity and Gender, San Francisco (1)

Race/Ethnicity	Male		Female		Total	
	No.	(Rate)	No.	(Rate)	No.	(Rate)
White	16854	(9739.2)	259	(157.9)	17113	(5076.3)
African American	2280	(6116.7)	344	(880.5)	2624	(3437.1)
Latino	2284	(4451.1)	98	(198.4)	2382	(2365.0)
Asian/Pacific Islander	559	(566.2)	37	(34.6)	596	(289.8)
Native American	97	(7059.7)	9	(713.7)	106	(4022.8)
Total	22074	(6089.4)	747	(206.7)	22821	(3152.3)

(1) Includes only San Francisco residents. This excludes persons diagnosed in SF who resided in other jurisdictions at the time of their AIDS diagnosis. Because of this exclusion, case numbers in this table are different from those in the other tables included in this report.

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Table 9. AIDS Incidence, Mortality, and Prevalence by Year

Year	Number of Cases Reported per Year	Number of Cases Diagnosed per Year (1)	Number of Deaths Occurred per year (1)	Number of Persons Living with AIDS (1)
1980	0	4	0	4
1981	23	30	9	25
1982	91	117	37	105
1983	226	318	136	287
1984	499	624	309	602
1985	753	953	599	956
1986	1128	1396	905	1447
1987	1465	1737	980	2204
1988	1588	1825	1163	2866
1989	1808	2172	1439	3599
1990	1960	2229	1580	4248
1991	1956	2749	1727	5270
1992	1883	3093	1816	6547
1993	4824	2325	1790	7082
1994	2213	1977	1808	7251
1995	1843	1695	1677	7269
1996	1430	1181	1117	7333
1997	1237	850	347	7836
1998	567	219	134	7921
Total	25494	25494	17573	

(1) Data in recent years is incomplete due to delay in cases/deaths reporting.

Table 10. Cases by Initial AIDS-Defining Condition, San Francisco, 1981-1998

Initial AIDS-Defining Condition	Def.(1) No.	Pres.(2) No.	Total No. (%)
Bacterial infections, recurrent, < 13 years [HIV+(3)]	2	N/A(4)	2 (0.0)
Candidiasis of bronchi, trachea, or lungs	28	N/A	28 (0.1)
Candidiasis of esophagus	330	235	565 (2.2)
Cervical cancer, invasive [HIV+]	3	N/A	3 (0.0)
Coccidioidomycosis, disseminated or extrapulmonary [HIV+]	11	N/A	11 (0.0)
Cryptococcosis, extrapulmonary	445	N/A	445 (1.7)
Cryptosporidiosis, intestinal (> 1 mo. duration)	375	N/A	375 (1.5)
Cytomegalovirus (except liver, spleen, lymph nodes), > 1 month of age	256	N/A	256 (1.0)
CMV retinitis with loss of vision [HIV+]	0	165	165 (0.6)
HIV encephalopathy [HIV+]	464	N/A	464 (1.8)
Herpes simplex: chronic (> 1 mo. duration), bronchitis, pneumonitis, esophagitis	109	N/A	109 (0.4)
Histoplasmosis, disseminated or extrapulmonary [HIV+]	28	N/A	28 (0.1)
Isosporiasis, intestinal (> 1 mo. duration) [HIV+]	24	N/A	24 (0.1)
Kaposi's sarcoma (5)	2971	280	3251 (12.8)
Lymphoid interstitial pneumonia/pulmonary lymphoid hyperplasia, < 13 years	6	0	6 (0.0)
Lymphoma, Burkitt's (non-Hodgkin's) [HIV+]	103	N/A	103 (0.4)
Lymphoma, immunoblastic (non-Hodgkin's) [HIV+]	457	N/A	457 (1.8)
Lymphoma, primary in brain (5)	48	N/A	48 (0.2)
Mycobacterium avium complex or M. kansasii, disseminated or extrapulmonary	350	1	351 (1.4)
Mycobacterium tuberculosis, pulmonary [HIV+]	158	8	166 (0.7)
Mycobacterium tuberculosis, disseminated or extrapulmonary [HIV+]	154	0	154 (0.6)
Mycobacterium other species, disseminated or extrapulmonary [HIV+]	18	19	37 (0.1)
Pneumocystis carinii pneumonia	5848	660	6508 (25.5)
Pneumonia, recurrent [HIV+]	149	13	162 (0.6)
Progressive multifocal leukoencephalopathy	54	N/A	54 (0.2)
Salmonella sepsis, recurrent [HIV+]	6	N/A	6 (0.0)
Toxoplasmosis of brain, > 1 month of age	42	244	286 (1.1)
Wasting syndrome [HIV+]	775	N/A	775 (3.0)
CD4 T lymphocyte count < 200 or percent < 14 [HIV+]	10650	N/A	10650 (41.8)
Any AIDS indicator condition and HIV-negative and CD4 count < 400 (6)	5	N/A	5 (0.0)
Total	23869	1625	25494 (100)

(1) Indicator conditions diagnosed definitively (e.g. culture or biopsy proven).

(2) Indicator conditions diagnosed presumptively in a person who has laboratory evidence of HIV infection.

(3) [HIV+]: Indicator conditions that require laboratory evidence of HIV infection.

(4) N/A: Conditions which require definitive diagnoses only.

(5) Laboratory evidence of HIV infection in persons > 60 years of age.

(6) In the absence of other causes of immunocompromise.

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Table 11. Cumulative AIDS Indicator Conditions among Persons with AIDS, San Francisco, 1981-1998

AIDS Indicator Condition (1)	Total No. (%)
Bacterial infections, recurrent, < 13 years [HIV+(2)]	2 (0.0)
Candidiasis of bronchi, trachea, or lungs	106 (0.4)
Candidiasis of esophagus	1769 (6.9)
Cervical cancer, invasive [HIV+]	7 (0.0)
Coccidioidomycosis, disseminated or extrapulmonary [HIV+]	45 (0.2)
Cryptococcosis, extrapulmonary	1633 (6.4)
Cryptosporidiosis, intestinal (> 1 mo. duration)	1279 (5.0)
Cytomegalovirus (except liver, spleen, lymph nodes), > 1 month of age	2294 (9.0)
CMV retinitis with loss of vision [HIV+]	2132 (8.4)
HIV encephalopathy [HIV+]	2061 (8.1)
Herpes simplex: chronic (> 1 mo. duration), bronchitis, pneumonitis, esophagitis	358 (1.4)
Histoplasmosis, disseminated or extrapulmonary [HIV+]	143 (0.6)
Isosporiasis, intestinal (> 1 mo. duration) [HIV+]	63 (0.2)
Kaposi's sarcoma (3)	6579 (25.8)
Lymphoid interstitial pneumonia/pulmonary lymphoid hyperplasia, < 13 years	6 (0.0)
Lymphoma, Burkitt's (non-Hodgkin's) [HIV+]	516 (2.0)
Lymphoma, immunoblastic (non-Hodgkin's) [HIV+]	990 (3.9)
Lymphoma, primary in brain (3)	347 (1.4)
Mycobacterium avium complex or M. kansasii, disseminated or extrapulmonary	4973 (19.5)
Mycobacterium tuberculosis, pulmonary [HIV+]	436 (1.7)
Mycobacterium tuberculosis, disseminated or extrapulmonary [HIV+]	382 (1.5)
Mycobacterium other species, disseminated or extrapulmonary [HIV+]	317 (1.2)
Pneumocystis carinii pneumonia	10686 (41.9)
Pneumonia, recurrent [HIV+]	441 (1.7)
Progressive multifocal leukoencephalopathy	278 (1.1)
Salmonella sepsis, recurrent [HIV+]	54 (0.2)
Toxoplasmosis of brain, > 1 month of age	1108 (4.3)
Wasting syndrome [HIV+]	3446 (13.5)

(1) Cases may have more than one condition.

(2) [HIV+]: Indicator conditions that require laboratory evidence of HIV infection.

(3) Laboratory evidence of HIV infection in persons > 60 years of age.

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AIDS SURVEILLANCE REPORT

San Francisco Department of Public Health

AIDS Cases Reported Through September 1998

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The AIDS Surveillance Report is accessible via internet: <http://phd.dph.sf.ca.us/AIDS.htm>

AIDS REPORTED CASES

(From 07/81 to 09/30/98)¹

San Francisco

Cumulative cases:	25,693
Cumulative deaths:	17,651
Cases reported this quarter:	226
Deaths reported this quarter:	82

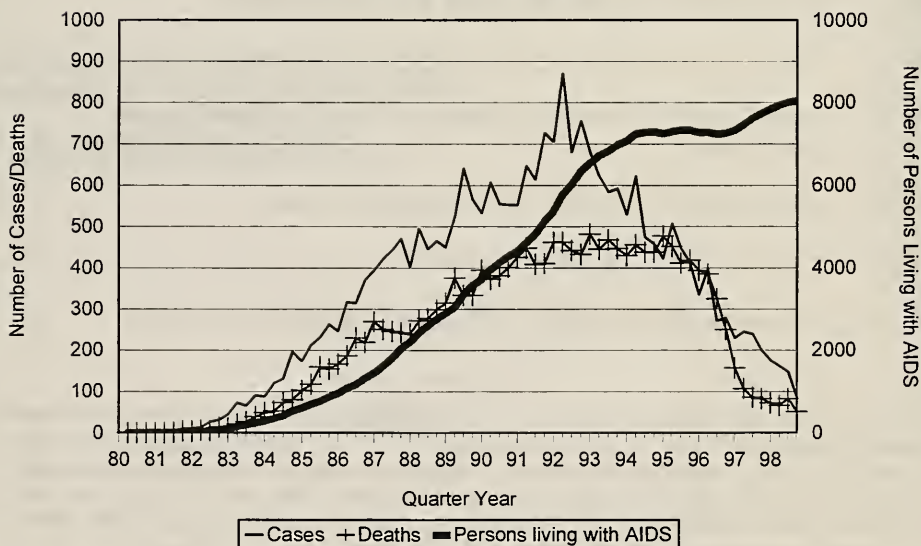
California (as of 09/30/98)

Cumulative cases:	108,814
Cumulative deaths:	67,953

United States (as of 12/31/97)

Cumulative cases:	641,086
Cumulative deaths:	390,692

San Francisco AIDS Incidence, Mortality, and Prevalence by Quarter Year, 1980-1998²



1. Includes SF residents diagnosed in SF, SF residents diagnosed in other jurisdictions, and persons diagnosed in SF who resided in other jurisdictions at the time of their AIDS diagnosis.
2. Reporting for recent quarters is incomplete.

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Table 1. AIDS Cases by Transmission Category and Gender, San Francisco, 1981-1998

Transmission Category (1)	Male		Female		Total	
	No.	(%)	No.	(%)	No.	(%)
Adult/Adolescent						
Gay or bisexual male	20437	(82.4)	0	(0.0)	20437	(79.5)
Injection drug user (IDU)	1218	(4.9)	469	(52.5)	1687	(6.6)
Gay or bisexual male IDU	2760	(11.1)	0	(0.0)	2760	(10.7)
Lesbian or bisexual IDU	0	(0.0)	33	(3.7)	33	(0.1)
Hemophiliac	39	(0.2)	1	(0.1)	40	(0.2)
Heterosexual (2)	67	(0.3)	247	(27.7)	314	(1.2)
Transfusion recipient	115	(0.5)	84	(9.4)	199	(0.8)
None of the above/Other (3)	141	(0.6)	36	(4.0)	177	(0.7)
Pediatric (0-12 years) (4)	23	(0.1)	23	(2.6)	46	(0.2)
Total	24800	(100)	893	(100)	25693	(100)

Table 2. AIDS Cases by Gender and Year of Diagnosis, San Francisco, 1981-1998

Gender	Year of Diagnosis					
	< 1988 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)	1991 No. (%)	1992 No. (%)
Male	5135 (99.1)	1817 (97.8)	2199 (97.2)	2204 (97.2)	2611 (97.0)	2867 (96.0)
Female	49 (0.9)	40 (2.2)	63 (2.8)	63 (2.8)	82 (3.0)	118 (4.0)
Total	5184 (100)	1857 (100)	2262 (100)	2267 (100)	2693 (100)	2985 (100)

Gender	Year of Diagnosis					
	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)	1997 No. (%)	1998 No. (%)
Male	2227 (95.7)	1868 (94.4)	1615 (94.8)	1090 (92.5)	798 (92.7)	369 (93.2)
Female	101 (4.3)	110 (5.6)	89 (5.2)	88 (7.5)	63 (7.3)	27 (6.8)
Total	2328 (100)	1978 (100)	1704 (100)	1178 (100)	861 (100)	396 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

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Table 3. AIDS Cases by Transmission Category and Race/Ethnicity, San Francisco, 1981-1998

Transmission Category (1)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/Pacific Islander No. (%)	Native American No. (%)
Adult/Adolescent					
Gay or bisexual male	16295 (84.5)	1490 (50.6)	2039 (77.0)	549 (78.7)	64 (56.1)
Injection drug user (IDU)	610 (3.2)	819 (27.8)	211 (8.0)	33 (4.7)	14 (12.3)
Gay or bisexual male IDU	2026 (10.5)	417 (14.2)	249 (9.4)	37 (5.3)	31 (27.2)
Lesbian or bisexual IDU	15 (0.1)	13 (0.4)	3 (0.1)	1 (0.1)	1 (0.9)
Hemophiliac	26 (0.1)	2 (0.1)	8 (0.3)	4 (0.6)	0 (0.0)
Heterosexual (2)	125 (0.6)	104 (3.5)	56 (2.1)	27 (3.9)	2 (1.8)
Transfusion recipient	108 (0.6)	30 (1.0)	31 (1.2)	30 (4.3)	0 (0.0)
None of the above/Other (3)	68 (0.4)	52 (1.8)	42 (1.6)	13 (1.9)	2 (1.8)
Pediatric (0-12 years) (4)	17 (0.1)	17 (0.6)	8 (0.3)	4 (0.6)	0 (0.0)
Total	19290 (100)	2944 (100)	2647 (100)	698 (100)	114 (100)

Table 4. AIDS Cases by Transmission Category and Asian/Pacific Islander Ethnicity, San Francisco, 1981-1998

Transmission Category (1)	Chinese No. (%)	Japanese No. (%)	Filipino No. (%)	Southeast Asian No. (%)	Korean No. (%)	Pacific Islander No. (%)	Other No. (%)
Adult/Adolescent							
Gay or bisexual male	145 (78.8)	80 (87.0)	198 (78.9)	42 (80.8)	9 (75.0)	35 (60.3)	40 (81.6)
Injection drug user (IDU)	8 (4.3)	2 (2.2)	6 (2.4)	4 (7.7)	2 (16.7)	7 (12.1)	4 (8.2)
Gay or bisexual male IDU	5 (2.7)	4 (4.3)	17 (6.8)	3 (5.8)	0 (0.0)	5 (8.6)	3 (6.1)
Lesbian or bisexual IDU	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (1.7)	0 (0.0)
Hemophiliac	1 (0.5)	1 (1.1)	1 (0.4)	0 (0.0)	0 (0.0)	1 (1.7)	0 (0.0)
Heterosexual (2)	2 (1.1)	2 (2.2)	13 (5.2)	2 (3.8)	1 (8.3)	5 (8.6)	2 (4.1)
Transfusion recipient	15 (8.2)	3 (3.3)	10 (4.0)	1 (1.9)	0 (0.0)	1 (1.7)	0 (0.0)
None of the above/Other (3)	6 (3.3)	0 (0.0)	5 (2.0)	0 (0.0)	0 (0.0)	2 (3.4)	0 (0.0)
Pediatric (0-12 years) (4)	2 (1.1)	0 (0.0)	1 (0.4)	0 (0.0)	0 (0.0)	1 (1.7)	0 (0.0)
Total	184 (100)	92 (100)	251 (100)	52 (100)	12 (100)	58 (100)	49 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

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Table 5. AIDS Cases by Transmission Category and Year of Diagnosis, San Francisco, 1981-1998

Transmission Category (1)	Year of Diagnosis					
	< 1988 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)	1991 No. (%)	1992 No. (%)
Adult/Adolescent						
Gay or bisexual male	4342 (83.8)	1582 (85.2)	1896 (83.8)	1876 (82.8)	2129 (79.1)	2331 (78.1)
Injection drug user (IDU)	84 (1.6)	66 (3.6)	105 (4.6)	119 (5.2)	190 (7.1)	243 (8.1)
Gay or bisexual male IDU	646 (12.5)	167 (9.0)	196 (8.7)	209 (9.2)	294 (10.9)	316 (10.5)
Lesbian or bisexual IDU	2 (0.0)	0 (0.0)	2 (0.1)	3 (0.1)	2 (0.1)	7 (0.2)
Hemophiliac	10 (0.2)	3 (0.2)	4 (0.2)	2 (0.1)	4 (0.1)	7 (0.2)
Heterosexual (2)	19 (0.4)	11 (0.6)	18 (0.8)	28 (1.2)	27 (1.0)	44 (1.5)
Transfusion recipient	50 (1.0)	23 (1.2)	27 (1.2)	14 (0.6)	26 (1.0)	15 (0.5)
None of the above/Other (3)	15 (0.3)	3 (0.2)	7 (0.3)	13 (0.6)	16 (0.6)	20 (0.7)
Pediatric (0-12 years) (4)	16 (0.3)	2 (0.1)	7 (0.3)	3 (0.1)	5 (0.2)	2 (0.1)
Total	5184 (100)	1857 (100)	2262 (100)	2267 (100)	2693 (100)	2985 (100)
Transmission Category (1)	Year of Diagnosis					
	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)	1997 No. (%)	1998 No. (%)
Adult/Adolescent						
Gay or bisexual male	1787 (76.8)	1475 (74.6)	1278 (75.0)	833 (70.7)	628 (72.9)	280 (70.7)
Injection drug user (IDU)	184 (7.9)	192 (9.7)	173 (10.2)	157 (13.3)	115 (13.4)	59 (14.9)
Gay or bisexual male IDU	275 (11.8)	239 (12.1)	181 (10.6)	126 (10.7)	69 (8.0)	42 (10.6)
Lesbian or bisexual IDU	6 (0.3)	4 (0.2)	5 (0.3)	0 (0.0)	1 (0.1)	1 (0.3)
Hemophiliac	2 (0.1)	3 (0.2)	4 (0.2)	0 (0.0)	0 (0.0)	1 (0.3)
Heterosexual (2)	38 (1.6)	34 (1.7)	34 (2.0)	30 (2.5)	24 (2.8)	7 (1.8)
Transfusion recipient	17 (0.7)	10 (0.5)	8 (0.5)	6 (0.5)	3 (0.3)	0 (0.0)
None of the above/Other (3)	16 (0.7)	17 (0.9)	20 (1.2)	25 (2.1)	19 (2.2)	6 (1.5)
Pediatric (0-12 years) (4)	3 (0.1)	4 (0.2)	1 (0.1)	1 (0.1)	2 (0.2)	0 (0.0)
Total	2328 (100)	1978 (100)	1704 (100)	1178 (100)	861 (100)	396 (100)

(1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

(2) Includes persons who have had heterosexual contact with a person with AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

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Table 6. AIDS Cases by Gender, Age Group and Race/Ethnicity, San Francisco, 1981-1998

Male						
Age (years)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/Pacific Islander No. (%)	Native American No. (%)	Total No. (%)
0 - 12	10 (0.1)	4 (0.2)	6 (0.2)	3 (0.5)	0 (0.0)	23 (0.1)
13 - 19	12 (0.1)	1 (0.0)	11 (0.4)	2 (0.3)	1 (1.0)	27 (0.1)
20 - 24	294 (1.6)	57 (2.2)	83 (3.3)	19 (3.0)	2 (1.9)	455 (1.8)
25 - 29	1720 (9.1)	260 (10.2)	377 (14.9)	77 (12.0)	16 (15.4)	2450 (9.9)
30 - 39	8716 (46.0)	1139 (44.6)	1245 (49.1)	279 (43.4)	56 (53.8)	11435 (46.1)
40 - 49	6052 (31.9)	775 (30.3)	596 (23.5)	191 (29.7)	23 (22.1)	7637 (30.8)
50 - 59	1716 (9.0)	249 (9.7)	172 (6.8)	51 (7.9)	6 (5.8)	2194 (8.8)
60 +	443 (2.3)	71 (2.8)	44 (1.7)	21 (3.3)	0 (0.0)	579 (2.3)
Male subtotal	18963 (100)	2556 (100)	2534 (100)	643 (100)	104 (100)	24800 (100)
Female						
Age (years)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/Pacific Islander No. (%)	Native American No. (%)	Total No. (%)
0 - 12	7 (2.1)	13 (3.4)	2 (1.8)	1 (1.8)	0 (0.0)	23 (2.6)
13 - 19	1 (0.3)	1 (0.3)	1 (0.9)	0 (0.0)	0 (0.0)	3 (0.3)
20 - 24	12 (3.7)	10 (2.6)	5 (4.4)	0 (0.0)	1 (10.0)	28 (3.1)
25 - 29	45 (13.8)	38 (9.8)	19 (16.8)	11 (20.0)	0 (0.0)	113 (12.7)
30 - 39	139 (42.5)	159 (41.0)	43 (38.1)	16 (29.1)	7 (70.0)	364 (40.8)
40 - 49	70 (21.4)	125 (32.2)	28 (24.8)	18 (32.7)	2 (20.0)	243 (27.2)
50 - 59	20 (6.1)	23 (5.9)	10 (8.8)	5 (9.1)	0 (0.0)	58 (6.5)
60 +	33 (10.1)	19 (4.9)	5 (4.4)	4 (7.3)	0 (0.0)	61 (6.8)
Female subtotal	327 (100)	388 (100)	113 (100)	55 (100)	10 (100)	893 (100)
Total	19290	2944	2647	698	114	25693

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Table 7. AIDS Cases by Race/Ethnicity and Year of Diagnosis, San Francisco, 1981-1998

Race/Ethnicity	Year of Diagnosis					
	< 1988 No. (%)	1988 No. (%)	1989 No. (%)	1990 No. (%)	1991 No. (%)	1992 No. (%)
White	4317 (83.3)	1489 (80.2)	1777 (78.6)	1750 (77.2)	2019 (75.0)	2159 (72.3)
African American	350 (6.8)	168 (9.0)	219 (9.7)	234 (10.3)	322 (12.0)	358 (12.0)
Latino	409 (7.9)	166 (8.9)	201 (8.9)	204 (9.0)	278 (10.3)	371 (12.4)
Asian/Pacific Islander	96 (1.9)	31 (1.7)	55 (2.4)	65 (2.9)	69 (2.6)	73 (2.4)
Native American	12 (0.2)	3 (0.2)	10 (0.4)	14 (0.6)	5 (0.2)	24 (0.8)
Total	5184 (100)	1857 (100)	2262 (100)	2267 (100)	2693 (100)	2985 (100)

Race/Ethnicity	Year of Diagnosis					
	1993 No. (%)	1994 No. (%)	1995 No. (%)	1996 No. (%)	1997 No. (%)	1998 No. (%)
White	1671 (71.8)	1377 (69.6)	1173 (68.8)	740 (62.8)	565 (65.6)	253 (63.9)
African American	317 (13.6)	283 (14.3)	252 (14.8)	217 (18.4)	147 (17.1)	77 (19.4)
Latino	236 (10.1)	245 (12.4)	212 (12.4)	164 (13.9)	116 (13.5)	45 (11.4)
Asian/Pacific Islander	93 (4.0)	56 (2.8)	59 (3.5)	53 (4.5)	31 (3.6)	17 (4.3)
Native American	11 (0.5)	17 (0.9)	8 (0.5)	4 (0.3)	2 (0.2)	4 (1.0)
Total	2328 (100)	1978 (100)	1704 (100)	1178 (100)	861 (100)	396 (100)

Table 8. AIDS Cases and Cumulative Rates per 100,000 by Race/Ethnicity and Gender, San Francisco (1)

Race/Ethnicity	Male	Female	Total
	No. (Rate)	No. (Rate)	No. (Rate)
White	16964 (9802.8)	261 (159.1)	17225 (5109.5)
African American	2304 (6181.1)	350 (895.9)	2654 (3476.4)
Latino	2312 (4505.7)	98 (198.4)	2410 (2392.8)
Asian/Pacific Islander	567 (574.3)	38 (35.5)	605 (294.1)
Native American	95 (6914.1)	9 (713.7)	104 (3946.9)
Total	22242 (6135.8)	756 (209.2)	22998 (3176.7)

(1) Includes only San Francisco residents. This excludes persons diagnosed in SF who resided in other jurisdictions at the time of their AIDS diagnosis. Because of this exclusion, case numbers in this table are different from those in the other tables included in this report.

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Table 9. AIDS Incidence, Mortality, and Prevalence by Year

Year	Number of Cases Reported per Year	Number of Cases Diagnosed per Year (1)	Number of Deaths Occurred per year (1)	Number of Persons Living with AIDS (1)
1980	0	4	0	4
1981	23	30	9	25
1982	91	117	37	105
1983	226	318	136	287
1984	499	624	309	602
1985	753	955	600	957
1986	1128	1397	906	1448
1987	1465	1739	980	2207
1988	1588	1857	1164	2900
1989	1807	2262	1439	3723
1990	1960	2267	1581	4409
1991	1955	2693	1730	5372
1992	1882	2985	1819	6538
1993	4821	2328	1790	7076
1994	2211	1978	1809	7245
1995	1843	1704	1677	7272
1996	1425	1178	1117	7333
1997	1228	861	348	7846
1998	788	396	200	8042
Total	25693	25693	17651	

(1) Data in recent years is incomplete due to delay in cases/deaths reporting.

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Table 10. Cases by Initial AIDS-Defining Condition, San Francisco, 1981-1998

Initial AIDS-Defining Condition	Def.(1) No.	Pres.(2) No.	Total No. (%)
Bacterial infections, recurrent, < 13 years [HIV+(3)]	2	N/A(4)	2 (0.0)
Candidiasis of bronchi, trachea, or lungs	28	N/A	28 (0.1)
Candidiasis of esophagus	331	230	561 (2.2)
Cervical cancer, invasive [HIV+]	3	N/A	3 (0.0)
Coccidioidomycosis, disseminated or extrapulmonary [HIV+]	11	N/A	11 (0.0)
Cryptococcosis, extrapulmonary	430	N/A	430 (1.7)
Cryptosporidiosis, intestinal (> 1 mo. duration)	370	N/A	370 (1.4)
Cytomegalovirus (except liver, spleen, lymph nodes), > 1 month of age	255	N/A	255 (1.0)
CMV retinitis with loss of vision [HIV+]	0	154	154 (0.6)
HIV encephalopathy [HIV+]	456	N/A	456 (1.8)
Herpes simplex: chronic (> 1 mo. duration), bronchitis, pneumonitis, esophagitis	107	N/A	107 (0.4)
Histoplasmosis, disseminated or extrapulmonary [HIV+]	27	N/A	27 (0.1)
Isosporiasis, intestinal (> 1 mo. duration) [HIV+]	23	N/A	23 (0.1)
Kaposi's sarcoma (5)	2953	277	3230 (12.6)
Lymphoid interstitial pneumonia/pulmonary lymphoid hyperplasia, < 13 years	6	0	6 (0.0)
Lymphoma, Burkitt's (non-Hodgkin's) [HIV+]	101	N/A	101 (0.4)
Lymphoma, immunoblastic (non-Hodgkin's) [HIV+]	458	N/A	458 (1.8)
Lymphoma, primary in brain (5)	44	N/A	44 (0.2)
Mycobacterium avium complex or M. kansasii, disseminated or extrapulmonary	340	1	341 (1.3)
Mycobacterium tuberculosis, pulmonary [HIV+]	157	8	165 (0.6)
Mycobacterium tuberculosis, disseminated or extrapulmonary [HIV+]	153	0	153 (0.6)
Mycobacterium other species, disseminated or extrapulmonary [HIV+]	18	17	35 (0.1)
Pneumocystis carinii pneumonia	5818	644	6462 (25.2)
Pneumonia, recurrent [HIV+]	156	14	170 (0.7)
Progressive multifocal leukoencephalopathy	54	N/A	54 (0.2)
Salmonella sepsis, recurrent [HIV+]	6	N/A	6 (0.0)
Toxoplasmosis of brain, > 1 month of age	42	239	281 (1.1)
Wasting syndrome [HIV+]	754	N/A	754 (2.9)
CD4 T lymphocyte count < 200 or percent < 14 [HIV+]	11001	N/A	11001 (42.8)
Any AIDS indicator condition and HIV-negative and CD4 count < 400 (6)	5	N/A	5 (0.0)
Total	24109	1584	25693 (100)

(1) Indicator conditions diagnosed definitively (e.g. culture or biopsy proven).

(2) Indicator conditions diagnosed presumptively in a person who has laboratory evidence of HIV infection.

(3) [HIV+]: Indicator conditions that require laboratory evidence of HIV infection.

(4) N/A: Conditions which require definitive diagnoses only.

(5) Laboratory evidence of HIV infection in persons > 60 years of age.

(6) In the absence of other causes of immunocompromise.

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Table 11. Cumulative AIDS Indicator Conditions among Persons with AIDS, San Francisco, 1981-1998

AIDS Indicator Condition (1)	Total No. (%)
Bacterial infections, recurrent, < 13 years [HIV+(2)]	2 (0.0)
Candidiasis of bronchi, trachea, or lungs	108 (0.4)
Candidiasis of esophagus	1860 (7.2)
Cervical cancer, invasive [HIV+]	7 (0.0)
Coccidioidomycosis, disseminated or extrapulmonary [HIV+]	47 (0.2)
Cryptococcosis, extrapulmonary	1656 (6.4)
Cryptosporidiosis, intestinal (> 1 mo. duration)	1290 (5.0)
Cytomegalovirus (except liver, spleen, lymph nodes), > 1 month of age	2346 (9.1)
CMV retinitis with loss of vision [HIV+]	2223 (8.7)
HIV encephalopathy [HIV+]	2144 (8.3)
Herpes simplex: chronic (> 1 mo. duration), bronchitis, pneumonitis, esophagitis	366 (1.4)
Histoplasmosis, disseminated or extrapulmonary [HIV+]	144 (0.6)
Isosporiasis, intestinal (> 1 mo. duration) [HIV+]	64 (0.2)
Kaposi's sarcoma (3)	6665 (25.9)
Lymphoid interstitial pneumonia/pulmonary lymphoid hyperplasia, < 13 years	6 (0.0)
Lymphoma, Burkitt's (non-Hodgkin's) [HIV+]	516 (2.0)
Lymphoma, immunoblastic (non-Hodgkin's) [HIV+]	1017 (4.0)
Lymphoma, primary in brain (3)	351 (1.4)
Mycobacterium avium complex or M. kansasii, disseminated or extrapulmonary	5066 (19.7)
Mycobacterium tuberculosis, pulmonary [HIV+]	448 (1.7)
Mycobacterium tuberculosis, disseminated or extrapulmonary [HIV+]	385 (1.5)
Mycobacterium other species, disseminated or extrapulmonary [HIV+]	317 (1.2)
Pneumocystis carinii pneumonia	10781 (42.0)
Pneumonia, recurrent [HIV+]	483 (1.9)
Progressive multifocal leukoencephalopathy	279 (1.1)
Salmonella sepsis, recurrent [HIV+]	56 (0.2)
Toxoplasmosis of brain, > 1 month of age	1134 (4.4)
Wasting syndrome [HIV+]	3544 (13.8)

(1) Cases may have more than one condition.

(2) [HIV+]: Indicator conditions that require laboratory evidence of HIV infection.

(3) Laboratory evidence of HIV infection in persons > 60 years of age.

